



# Banner

**THE POWER COMPANY**

**NEW!**  
Cold start power:  
Buffalo Bull  
HIGH CURRENT

**NEW!**  
Truck driver power:  
Buffalo Bull EFB

**NEW TYPES!**  
Power Bull PRO

**NEW TYPES!**  
Running Bull EFB

**FULL POWER  
DAY AFTER DAY.**



**STARTER BATTERY TYPE LIST 2018/19**



# RUNNING BULL AGM

## AGM FOR START/STOP VEHICLES WITH MAXIMUM ENERGY REQUIREMENTS.

By 2018, over 70 per cent of all new vehicles will be fitted with an engine start/stop function, in order to achieve the CO<sub>2</sub> limitation targets set by the EU by means of sustained fuel consumption savings and emission reductions. In general, two differing starter battery types are used in these environment-friendly vehicles consisting of the absorbent glass mat (AGM) and the enhanced flooded battery (EFB) systems.

The use of the appropriate technology depends largely on the fuel and CO<sub>2</sub> savings that can be attained. The AGM technology is employed for start/stop systems with maximum energy requirements and braking energy recuperation. Within this context, in particular the Running Bull AGM constitutes the optimum solution for mid-range to premium and luxury class vehicles.



### TECHNICAL DATA AND INFORMATION

- ▶ Three times greater cycle resistance than standard batteries: highest M3/E4 classification pursuant to EN 50342-1:2016
- ▶ Valve-regulated AGM battery (VRLA)
- ▶ Range of 5 types with capacities from 60-105Ah
- ▶ Leak-proof due to electrolyte bonding into an absorbent glass mat
- ▶ Zero maintenance due to recombination technology
- ▶ High V3 vibration resistance pursuant to EN 50342-1:2016
- ▶ Maximum starting performance due to the very low internal resistance
- ▶ Installation in a lateral position possible (max. 90° angle)
- ▶ Flexible use as a starter and on-board power supply battery
- ▶ Original equipment quality



Cars



Cars with start/stop systems



Taxis



LCV



Off Road



Motorhomes



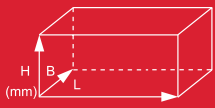






Motorboats



Construction machinery

# RUNNING BULL AGM

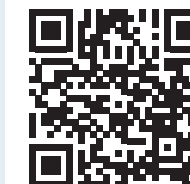
Typ	Info	Box	Ah 20 h	A EN						Application			
							Length	Width	Box height	Total height			
1	AGM 560 01	H5 / L2	60	640	0	1	241	175	190	190	mG	B13	BMW, VW, Audi, Hyundai, Kia
2	AGM 570 01	H6 / L3	70	720	0	1	278	175	190	190	mG	B13	BMW, VW, Audi, Mercedes, Porsche, Taxis
3	AGM 580 01	H7 / L4	80	800	0	1	315	175	190	190	mG	B13	BMW, VW, Audi, Mercedes, Porsche, Taxis
4	AGM 592 01	H8 / L5	92	850	0	1	354	175	190	190	mG	B13	BMW, VW, Audi, Mercedes, Porsche, Taxis
5	AGM 605 01	H9 / L6	105	950	0	1	394	175	190	190	mG	B13	BMW, VW, Audi, Mercedes, Porsche, Taxis

 Double Top,  4k = 4-chamber leak protection, RF = vibration-resistant, GA = battery with central degassing, HGI = hard rubber set, mG = with handle, RZS = flame arrester  
 \* limited use, \*\* with base hold-down adapter

Hint: replace AGM with AGM.



Watch the start/stop video:





# RUNNING BULL BACKUP

## SUPPORT FOR VEHICLES WITH EXTREMELY HIGH ENERGY REQUIREMENTS.

The Running Bull BackUp is the ideal support for starter batteries owing to the fact that it uses the same trend-setting technology which is used in the "big" Running Bull AGM. The small power pack is utilised in vehicles with a start/stop system with additional consumers with a high energy requirement such as redundant safety systems or power steering.

**BACKUP**

### TECHNICAL DATA AND INFORMATION

- ▶ Valve-regulated AGM battery (VRLA)
- ▶ Range of 2 types with capacities of 9/12Ah
- ▶ Used by Audi, BMW and Volvo for first fitting
- ▶ Three times greater cycle resistance than standard batteries: highest M3/E4 classification pursuant to EN 50342-1:2016
- ▶ Zero maintenance due to recombination technology
- ▶ Leak-proof due to electrolyte bonding into an absorbent glass mat
- ▶ Installation in a lateral position possible (max. 90° angle)



Cars



Cars with start/stop systems



Taxis

# RUNNING BULL BACKUP

Typ	Info	Box	Ah 20 h	A EN						Application		
							Length	Width	Box height	Total height		
1	509 00/AUX 09		9	120	1	10	150	88	106	106	B00	Volvo Start/Stopp, DRiVe
2	514 00/AUX 14		12	200	1	10	150	88	145	145	B00	Audi, BMW 5/7Start/Stopp, Mercedes E/S-Class, Volvo Automatic, Start/Stopp

★ **pt** = Double Top, ★ **4K** = 4-chamber leak protection, RF = vibration-resistant, GA = battery with central degassing, HGI = hard rubber set, mG = with handle, RZS = flame arrester,  
 \* limited use, \*\* with base hold-down adapter

Hint: replace AGM with AGM.



Watch the start/stop video:





# RUNNING BULL EFB

## EFB FOR START/STOP VEHICLES WITH HIGH ENERGY REQUIREMENTS.

EFB technology is used mainly in mid-range and small cars with simple start/stop systems, but without energy recuperation. In the coming years, this type of cycle-resistant starter battery will be used with growing frequency for Original Equipment Manufacturer.

+ **Banner tip!** A Running Bull EFB battery can be upgraded to a more powerful and cycle-resistant Running Bull AGM battery in H5/L2 (60Ah), H6/L3 (70Ah) and H7/L4 (80Ah) boxes. Please contact your Banner customer advisor.



### TECHNICAL DATA AND INFORMATION

- ▶ Range of 11 types with capacities from 38-95Ah
- ▶ Glass fleece cover on the separator and special active mass composition
- ▶ Twice the cycle resistance of standard batteries: M2/E3 classification pursuant to EN 50342-1:2016
- ▶ Top V3 vibration resistance rating pursuant to EN 50342-1:2016
- ▶ Double lid for maximum protection against leaks and operational safety
- ▶ Measures to reduce acid stratification and improve charge absorption
- ▶ „Carbon loaded“: The carbon additives lead to a marked reduction of the charging time!
- ▶ Zero maintenance due to modern calcium/calcium mesh technology
- ▶ Original equipment quality



# RUNNING BULL EFB

Typ	Info	Box	Ah 20 h	A EN									Application	
							Length	Width	Box height	Total height				
1	<b>EFB 538 15</b>	35NS/B19	38	400	0	3	187	127	204	226	mGGA	B07	Mazda, Mitsubishi, Nissan, Subaru, Toyota	
2	<b>EFB 555 15</b>	45NS/B24	55	460	0	1+3	238	129	203	225	mGGA	B00	Mazda, Mitsubishi, Nissan, Subaru, Toyota	
3	<b>EFB 560 11</b>	replace EFB 560 00	H5 / L2	60	560	0	1	241	175	190	190	mGGA	B13	Alfa Romeo, Audi, BMW, Citroen, Fiat, Peugeot, Seat, Skoda, Toyota, VW
4	<b>EFB 565 15</b>	replace EFB 565 00	D23	65	550	0	1	233	173	203	225	mGGA	B00	Mazda, Mitsubishi, Nissan, Subaru, Toyota
5	<b>EFB 565 16</b>	replace EFB 565 01	D23	65	550	1	1	233	173	203	225	mGGA	B00	Mazda, Mitsubishi, Nissan, Subaru, Toyota
6	<b>EFB 565 12</b>	T6 / LB3	65	650	0	1	278	175	175	175	mGGA	B13	Ford, Opel	
7	<b>EFB 570 11</b>	replace EFB 570 00	H6 / L3	70	660	0	1	278	175	190	190	mGGA	B13	Alfa Romeo, Audi, BMW, Citroen, Fiat, Peugeot, Seat, Skoda, Toyota, VW
8	<b>EFB 570 15</b>	D26 / MO60	70	680	0	1	260	174	200	222	mGGA	B00	Mazda, Mitsubishi, Nissan, Subaru, Toyota	
9	<b>EFB 575 12</b>	T7 / LB4	75	730	0	1	315	175	175	175	mGGA	B13	Ford, Opel	
10	<b>EFB 580 11</b>	H7 / L4	80	780	0	1	315	175	190	190	mGGA	B13	Alfa Romeo, Audi, BMW, Citroen, Fiat, Peugeot, Seat, Skoda, Toyota, VW	
11	<b>EFB 595 15</b>	replace EFB 595 00	D31 / 56AT	95	760	0	1	303	173	203	225	mGGA	B00	Mazda, Mitsubishi, Nissan, Subaru, Toyota - D, Fiat Tractors

Double Top, = 4-chamber leak protection, RF = vibration-resistant, GA = battery with central degassing, HGI = hard rubber set, mG = with handle, RZS = flame arrester, \* limited use, \*\* with base hold-down adapter

Hint: replace EFB with EFB/AGM.



Watch the start/stop video:





# POWER BULL

## THE POWER BULL PRO – THE PROLONGATION OF A SUCCESS STORY.

The triumphal progress of the Power Bull PRO starter batteries is set to continue, as the Banner top seller quite literally combines prizewinning product quality with premium performance in a perfect symbiosis. This is simply original part excellence for retrofitting. Precisely for this reason, the product portfolio has been augmented with the following three battery types in T-boxes:

### Power Bull

**PRO P50 42** (T4/LB1 box – 50 Ah/400 A EN)

**PRO P63 42** (T5/LB2 box – 63 Ah/600 A EN)

**PRO P77 42** (T6/LB3 box – 77 Ah/680 A EN)

These represent intelligent additions to the range because numerous Ford models (without start/stop function or braking energy recuperation) require original battery replacements with a total height of 175 mm.

**+ Banner Tip!** A Power Bull battery can be upgraded to an even more powerful Power Bull PRO battery in T4/LB1 (44 Ah), H4/L1 (50 Ah), T5/LB2 (60 Ah), H5/L2 (62 Ah), T6/LB3 (72 Ah), H6/L3 (74 Ah) and H8/L5 (95 Ah) boxes. Please contact your Banner customer advisor.

## TECHNICAL DATA AND INFORMATION

- ▶ Robust cyclical behaviour with E2 classification pursuant to EN 50342-1:2016
- ▶ Double Top for twice the leak protection and 100 per cent leak protection up to an angle of 55°
- ▶ Absolutely maintenance-free due to modern calcium/calcium technology
- ▶ Optimized cold start values, highest starting power
- ▶ Extensive coverage of the European and Asian vehicle fleets owing to 33 battery types from 40-110 Ah
- ▶ V2 vibration resistance rating pursuant to EN 50342-1:2016 due to the bonding of the plates to the battery floor and robust cell connections
- ▶ Improved backfire and ESD safety levels (against electrostatic discharge)



Cars



Taxis





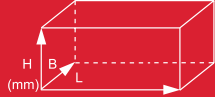























LCV





Motorboats



# POWER BULL

Typ	Info	Box	Ah 20 h	A EN						Application			
							Length	Width	Box height	Total height			
Power Bull PROfessional													
1	PRO P50 40 	H4 / L1	50	420	0	1	210	175	190	190	mGGA	B13	Audi, BMW, VW, Citroen, Peugeot, Renault, Fiat, Skoda
2	PRO P50 42  	T4 / LB1	50	400	0	1	210	175	175	175	mGGA	B13	Ford, Opel
3	PRO P63 40 	H5 / L2	63	620	0	1	241	175	190	190	mGGA	B13	Audi, BMW, VW, Citroen, Mercedes, Peugeot, Renault, Fiat, Skoda
4	PRO P63 42  	T5 / LB2	63	600	0	1	241	175	175	175	mGGA	B13	Ford, Opel
5	PRO P77 40 	H6 / L3	77	700	0	1	278	175	190	190	mGGA	B13	Audi, BMW, VW, Citroen, Mercedes, Peugeot, Renault, Fiat, Skoda
6	PRO P77 42  	T6 / LB3	77	680	0	1	278	175	175	175	mGGA	B13	Ford, Opel
7	PRO P84 40 	H7 / L4	84	760	0	1	315	175	190	190	mGGA	B13	Audi, BMW, VW, Citroen, Mercedes, Peugeot, Renault, Fiat, Skoda
8	PRO P100 40 	H8 / L5	100	820	0	1	354	175	190	190	mGGA	B13	Audi, BMW, VW, Citroen, Mercedes, Peugeot, Renault, Fiat, Skoda
9	PRO P110 40 	H9 / L6	110	900	0	1	394	175	190	190	mGGA	B13	Audi, BMW, VW, Mercedes
Power Bull													
							Length	Width	Box height	Total height			
10	P40 25	35NS/B19	40	330	0	3	187	137	204	226	mGGA	B01	535 04
11	P40 26	35NS/B19	40	330	0	3	187	127	204	226	mGGA	B00	535 20, 540 26
12	P40 27	35NS/B19	40	330	1	3	187	127	204	226	mGGA	B00	535 22, 540 27
13	P42 08	H3 / L0	42	390	0	1	175	175	190	190	GA	B13	540 08, 542 08
14	P44 09 	T4 / LB1	44	420	0	1	210	175	175	175	mGGA	B13	536 46**/53, 540 45**/63, 544 09/59*, 545 59*
15	P45 23	45NS/B24	45	390	0	1+3	238	129	203	225	mGGA	B00	545 23/84
16	P45 24	45NS/B24	45	390	1	1+3	238	129	203	225	mGGA	B00	545 24/51
17	P50 03 	H4 / L1	50	450	0	1	210	175	190	190	mGGA	B13	544 09*/59, 545 59, 550 03
18	P50 41	D20	50	420	0	1	202	173	202	225	mGGA	B07	550 41
19	P60 09 	T5 / LB2	60	540	0	1	241	175	175	175	mGGA	B13	545 19**, 555 19/59*, 560 09
20	P60 62	D23	60	510	0	1	233	173	203	225	mGGA	B01	560 62
21	P60 68	D23	60	510	0	1	233	173	203	225	mGGA	B00	560 68, 565 33
22	P60 69	D23	60	510	1	1	233	173	203	225	mGGA	B00	560 69, 565 34
23	P62 19 	H5 / L2	62	550	0	1	241	175	190	190	mGGA	B13	560 09*, 562 05*/19
24	P70 24	D26 / MO60	70	600	1	1	260	174	200	222	mGGA	B01	560 49, 570 24
25	P70 29	D26 / MO60	70	600	0	1	260	174	200	222	mGGA	B01	560 48, 570 29, 580 09
26	P72 09 	T6 / LB3	72	670	0	1	278	175	175	175	mGGA	B13	563 18**, 564 20**, 566 13/38*, 570 44, 571 13, 572 09/12*, 574 05/12*
27	P74 12 	H6 / L3	74	680	0	1	278	175	190	190	mGGA	B13	566 13*/38, 570 44*, 572 09*/12, 574 05*/12
28	P80 09	D26 / MO60	80	640	0	1	260	174	200	222	mGGA	B01	560 48, 570 29, 580 09
29	P80 14 	T7 / LB4	80	700	0	1	315	175	175	175	mGGA	B13	575 39, 580 14/35*/42*
30	P88 20 	T8 / LB5	88	700	0	1	354	175	175	175	mGGA	B13	585 15, 588 20/27*
31	P95 04	D31 / 56AT	95	740	0	1	303	173	203	225	mGGA	B07	595 04, 600 32
32	P95 05	D31 / 56AT	95	740	1	1	303	173	203	225	mGGA	B07	595 05, 600 33
33	P95 33 	H8 / L5	95	780	0	1	354	175	190	190	mGGA	B13	595 21/33, 600 44

 Double Top,  = 4-chamber leak protection, RF = vibration-resistant, GA = battery with central degassing, HGI = hard rubber set, mG = with handle, RZS = flame arrester, \* limited use, \*\* with base hold-down adapter



# STARTING BULL

## THE ENTRY TO THE Banner BRAND WORLD.

The Banner Starting Bull is the entry level product to the Banner brand. However, safety knows no compromises and therefore this product, which has been proven millions of times meets the very latest battery design standards.

## FOUR-CHAMBER LEAK PROTECTION, THE INNOVATIVE SAFETY GUARANTEE.

Tried and tested four-chamber leak protection is used in 12 Starting Bull European types. In this system, four chambers provide a safeguard against escapes of battery acid during extreme vibrations. Moreover, central degassing and welded-in backfire frits secure optimum operational safety. All these features add up to a significant increase in safety during vehicle use and handling.

### TECHNICAL DATA AND INFORMATION

- ▶ Four-chamber leak protection with integrated backfire protection for 12 best sellers from 44-95Ah
- ▶ Absolutely maintenance-free due to the use of calcium/calcium technology
- ▶ Reliable cold starting behaviour
- ▶ Niche and supplementary types ensure complete coverage of the current vehicle fleet in Europe
- ▶ Simple classification due to the use of DIN and UK number for type designations
- ▶ Quality and know-how from Austria
- ▶ Optimum price-performance ratio



Cars



LCV



Motorboats

# STARTING BULL

Typ	Info	Box	Ah 20 h	A EN						Application			
6 Volt							Length	Width	Box height	Total height			
1	<b>066 12</b>		66	360	0	1	178	175	166	188		B04	VW -1968, Trabant
2	<b>077 18</b>		77	450	0	1	216	170	166	191		B06	VW, Ford D, Trabant, Tatra 613
12 Volt							Length	Width	Box height	Total height			
3	<b>530 30</b>		30	300	0	4	187	128	165	165	mGGA	B00	Small tractors, BMW-Motorcycles
4	<b>530 34</b>		30	300	1	4	187	128	165	165	mGGA	B00	Small tractors
5	<b>544 09</b>	T4 / LB1	44	360	0	1	210	175	175	175	mGGA	B13	Ford, Opel
6	<b>545 59</b>	H4 / L1	45	400	0	1	210	175	190	190	mGGA	B13	Audi, BMW, VW, Citroen, Peugeot, Renault, Fiat, Skoda
7	<b>545 77</b>	E2	45	300	0	1	218	135	203	225		B01	Renault R8-R13, Dacia
8	<b>545 79</b>	E2	45	300	1	1	218	135	203	225		B01	Peugeot, Honda, Dacia
9	<b>555 19</b>	T5 / LB2	55	450	0	1	241	175	175	175	mGGA	B13	Ford, Opel
10	<b>560 08</b>	T5 / LB2	60	480	1	1	241	175	175	175	mGGA	B13	Lada, Moskvie
11	<b>560 09</b>	T5 / LB2	60	480	0	1	241	175	175	175	mGGA	B13	Ford, Opel
12	<b>560 10</b>	BCI 75	60	675	1	5	248	178		184	mGGA	B07	Chrysler Sebring/Stratus, GM Buick Regal/Chevy Camaro, Acura Integra/TL
13	<b>562 19</b>	H5 / L2	62	510	0	1	241	175	190	190	mGGA	B13	Audi, BMW, VW, Citroen, Peugeot, Renault, Fiat, Skoda
14	<b>570 44</b>	T6 / LB3	70	640	0	1	278	175	175	175	mGGA	B13	Ford, Opel
15	<b>572 12</b>	H6 / L3	72	650	0	1	278	175	190	190	mGGA	B13	Audi, BMW, VW, Citroen, Peugeot, Renault, Fiat, Skoda
16	<b>572 33</b>	H6 / L3	72	650	1	1	278	175	190	190	mGGA	B01	Chrysler Voyager
17	<b>580 14</b>	T7 / LB4	80	660	0	1	315	175	175	175	mGGA	B13	Audi D, BMW D, Ford D, Opel D, Nissan D, Renault D, VW D
18	<b>588 20</b>	T8 / LB5	88	680	0	1	354	175	175	175	mGGA	B13	Ford D, Opel D
19	<b>588 34 RF</b>	H8 / L5	88	680	0	1	354	175	190	190	mGGA	B13	Citroen D, Mercedes D, VW D
20	<b>595 33</b>	H8 / L5	95	740	0	1	354	175	190	190	mGGA	B13	Audi, BMW, Mercedes, Porsche, VW

Double Top, = 4-chamber leak protection, RF = vibration-resistant, GA = battery with central degassing, HGI = hard rubber set, mG = with handle, RZS = flame arrester,

\* limited use, \*\* with base hold-down adapter





# BUFFALO BULL EFB

**NEW**

## BUFFALO BULL EFB - THE LONG-DISTANCE TRUCK POWER.

The electrical system batteries in the commercial vehicle segment must fulfill a growing number of special requirements:

The comfort function in long-distance trucks (drivers stay overnight in their trucks and use numerous electrical consumers). Extreme vibration resistance in the case of the battery integration at the rear of the truck.

To meet these needs, Banner has launched the new Buffalo Bull EFB into the market. This is because today's long-distance trucks are not merely a means of transporting goods from A to B. They are also the truckers' workplace (keyword office) and frequently their mobile home (keywords kitchen, living and sleeping accommodations) for up to five days a week.

### TECHNICAL DATA AND INFORMATION

- ▶ Offer of two standard battery sizes (boxes B and C) with 190 Ah or 240 Ah
- ▶ Increased cyclical resistance owing to the active mass recipe and nonwoven covers
- ▶ Robust design and top vibration resistance due to special set bonding
- ▶ Improved mesh corrosion resistance due to the use of the continuous production process
- ▶ Designed for highest energy demand due to increasing comfort functions in the long-distance truck
- ▶ Calcium technology for minimal water consumption
- ▶ Maintenance-free (no topping up with water) under normal operating conditions
- ▶ Add-ons for heightened product safety: short circuit protection, ESD plugs\*
- ▶ Central degassing with integrated flame arrestor
- ▶ Dimensions in accordance with EN 50342-4:2009



ESD = electrostatic discharges are disruptive voltage breakdowns caused by major potential differences. These discharges (sometimes visible due to sparks) cause brief, high electrical current and can lead to the ignition of flammable materials. It is precisely this that the ESD plugs prevent with absolute safety.



Buses



Trucks



Construction machinery



Agricultural machinery



Snow groomers



# BUFFALO BULL SHD, SHD PRO

**STOP + GO, COLD START + CO: BUFFALO BULL SHD AND SHD PRO  
PUTS FULL POWER INTO EVERY COMMERCIAL VEHICLE.  
FROM THE DISTRIBUTOR TRUCK TO THE LINE BUS.**

Rugged, constant use in commercial vehicles puts batteries to the severest test. Moreover, over the years the demands made on modern batteries have increased greatly and in addition to cycle and vibration resistance, characteristics such as ease of maintenance, operational reliability and cold start performance are more important than ever. The optimised Buffalo Bull SHD constitutes the perfect response.

Stop + Go, Cold start + Co: The Buffalo Bull SHD PROfessional is a top product that starts to show its problem-solving capacity in tough situations, when other batteries have long given up the ghost. It has thus consolidated its solid position in the lucrative retrofitting market. The battery has been equipped by Banner with unbeatable advantages that make it the ideal battery for modern distributor trucks and line buses!

## TECHNICAL DATA AND INFORMATION

- ▶ Meets the requirements of Mercedes trucks
- ▶ Maintenance-free: calcium technology ensures minimum water consumption
- ▶ ConCast mesh production process and optimised mesh design provide reliable cold start performance
- ▶ SHD means extra cycle/vibration resistance in the highest E4/V3 category pursuant to EN 50342-1:2016
- ▶ Central degassing and patented four-chamber leak protection
- ▶ Captive, welded-in flame arrestors and safety screws
- ▶ Short circuit protection against short circuits caused by tools
- ▶ EN 50342-4:2009 casing height



Buses



Trucks



Construction machinery



Agricultural machinery



Snow groomers



# BUFFALO BULL HIGH CURRENT

**NEW**

## BUFFALO BULL HIGH CURRENT - THE MEGA COLD START POWER!

Special machines and vehicles (e.g. municipal vehicles such as sweepers or high-pressure rinsing vehicles, construction machinery and snow groomers) require ever-higher cold start current.

This is due to the high lag loads (e.g. in hydraulic units), which have to be dealt with during starting. The Buffalo Bull high current battery has been specifically developed to meet these requirements.

### TECHNICAL DATA AND INFORMATION

- ▶ Offer of two standard battery sizes (boxes A and B) with 1,150 A or 1,400 A cold start current
- ▶ High vibration-resistance
- ▶ Calcium technology for minimal water consumption
- ▶ Maintenance-free under normal operating conditions
- ▶ Central degassing with integrated flame arrestor
- ▶ Add-ons for heightened product safety: short circuit protection, ESD plugs\*
- ▶ Dimensions in accordance with EN 50342-4:2009



ESD = electrostatic discharges are disruptive voltage breakdowns caused by major potential differences. These discharges (sometimes visible due to sparks) cause brief, high electrical current and can lead to the ignition of flammable materials. It is precisely this that the ESD plugs prevent with absolute safety.



Municipal vehicles



Construction machinery



Snow groomers

# BUFFALO BULL



Typ	Info	Box	Ah 20 h	A EN						Application				
Buffalo Bull EFB							Length	Width	Box height	Total height				
1	<b>EFB 690 17</b>		B	190	1050	3	1	514	223	195	220	mGGARZS	B00	Long-distance trucks: MAN, Mercedes, Volvo, Scania, Steyr Trucks
2	<b>EFB 740 17</b>		C	240	1200	3	1	517	273	212	240	mGGARZS	B00	Long-distance trucks: MAN, Mercedes, Volvo, Scania, Steyr Trucks
Buffalo Bull SHD PROfessional							Length	Width	Box height	Total height				
3	<b>SHD PRO 645 03</b>		A	145	800	3	1	514	189	195	220	mGGARZS	B00	Neoplan, MAN, Mercedes, Volvo, Scania, Steyr Trucks
4	<b>SHD PRO 680 08</b>		B	180	1000	3	1	514	223	195	220	mGGARZS	B00	Neoplan, MAN, Mercedes, Volvo, Scania, Steyr Trucks
5	<b>SHD PRO 725 03</b>		C	225	1150	3	1	517	273	212	240	mGGARZS	B00	Neoplan, MAN, Mercedes, Volvo, Scania, Steyr Trucks
Buffalo Bull SHD							Length	Width	Box height	Total height				
6	<b>SHD 610 40</b>		MAC 110	110	760	3	1	514	175	210	210	mGGARZS	B03	MAN, Mercedes, Roman, Robur
7	<b>SHD 635 44</b>		MAC 110	135	900	3	1	514	175	210	210	mGGARZS	B03	MAN, Mercedes, Roman
8	<b>SHD 640 35</b>		A	140	800	3	1	514	189	195	220	mGRZS	B00	Steyr Trucks, MAN, Mercedes
9	<b>SHD 670 33</b>		MAC 140	170	1000	3	1	514	218	210	210	mGGARZS	B03	MAN, Mercedes, Liaz
10	<b>SHD 680 32</b>		B	180	1000	3	1	514	223	195	220	mGRZS	B00	Steyr Trucks, MAN, Roman, Multicar
11	<b>SHD 725 11</b>		C	225	1150	3	1	517	273	212	240	mGRZS	B00	Steyr, MAN, Volvo-LKW
Buffalo Bull							Length	Width	Box height	Total height				
12	<b>600 26</b>			100	600	0	1	413	175	195	220	mG	B00	Mercedes D, Steyr Tractors, Daihatsu D, Barkas, Ursus
13	<b>600 35</b>			100	600	1	1	413	175	195	220	mG	B00	Daihatsu, Nissan, Mitsubishi D
14	<b>605 02</b>		BCI 31	105	1000	9	1	330	171	218	241	mGGA	B00	Caterpillar, US Trucks
15	<b>610 11</b>		Compact	110	800	0	1	344	175	214	230	mG	B01	Iveco Daily 01.05-, Renault
16	<b>610 47</b>		Compact	110	800	0	1	344	172	214	230	mG	B00	IHC, Massey Ferguson
17	<b>610 48</b>		Compact	110	800	1	1	344	172	214	230	mG	B00	IHC, McCormick
18	<b>620 34</b>		A	120	720	3	1	514	189	195	220	mG	B00/01	MAN, Mercedes, Roman, MAZ
19	<b>625 11</b>		Compact	125	760	0	1	345	172	260	283	mG	B00	Massey Ferguson
20	<b>625 13</b>		Compact	125	760	1	1	345	172	260	283	mG	B00	McCormick
21	<b>625 23</b>		NATO 6TN	125	720	2	1	280	267	213	230	mG	B00	NATO 6TN
22	<b>632 11</b>		MAC 132	132	900	0	1	508	174	205	205	mG	B01	CNH Case New Holland, John Deere, Landini, McCormick
23	<b>640 35</b>		A	140	760	3	1	514	189	195	220	mG	B00/01	Steyr Trucks, MAN, Mercedes
24	<b>650 11</b>		A	150	1150	3	1	514	189	195	220	mGGARZS	B00	Municipal vehicles , construction machinery, snow groomers
25	<b>680 11</b>		B	180	1400	3	1	514	223	195	220	mGGARZS	B00	Municipal vehicles , construction machinery, snow groomers
26	<b>680 32</b>		B	180	950	3	1	514	223	195	220	mG	B00	Steyr-Trucks, MAN, Roman, Multicar, Magirus
27	<b>680 89</b>		MAC 154	180	950	4	1	510	216	205	225	mGGA	B03	Fiat LKW, Tractors
28	<b>725 11</b>		C	225	1050	3	1	517	273	212	240	mG	B00	Steyr, MAN, Volvo-LKW, Caterpillar, Tatra

Double Top, = 4-chamber leak protection, RF = vibration-resistant , GA = battery with central degassing, HGI = hard rubber set, mG = with handle, RZS = flame arrester, \* limited use, \*\* with base hold-down adapter



# ENERGY BULL

**PORTABLE POWER WITH THE CYCLE-RESISTANT, SPECIAL BATTERY FOR HOBBIES AND LEISURE - FITTED AS ORIGINAL EQUIPMENT BY LEADING UK & EUROPEAN MOTORHOME MANUFACTURERS & CONVERTERS.**

With the Energy Bull, Banner offers a special battery for hobby and leisure purposes. The Energy Bull's features mean that it is robust and an ideal energy source for camping/caravanning, on boats and a wealth of other applications that extend to signalling systems and the powering of e-motors.

## TECHNICAL DATA AND INFORMATION

- ▶ The Energy Bull offers up to 4 times the cycle resistance of standard starter batteries and is extremely cyclical resistant and durable
- ▶ MIN/MAX markings on the transparent battery casing and easy opening make the battery maintenance-friendly
- ▶ External ignition protection is integrated into the battery cover and surge protectors
- ▶ Low maintenance is secured by minimum water consumption and self-discharge
- ▶ The suitability of any standard charger makes charging straightforward
- ▶ A top V3 vibration resistance rating pursuant to EN 50342-1:2016 is secured by plate bonding to the battery bottom and pocket separators with glass web layer
- ▶ Optimum capacity that is perfect to deal with cyclical loads
- ▶ Delivery in a filled and charged condition is both user- and environment-friendly
- ▶ Practical handles for easy transport



Yachts



Motorhomes



Caravans





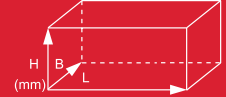






Camping





Solar power systems



# ENERGY BULL

Typ	Info	Box	Ah 5 h	Ah 20 h	Ah 100 h									Application
								Length	Width	Box height	Total height			
1	955 01 	H5 / L2	50	60	70	0	1	241	175	190	190	mGGA	B13	Caravan, Motorhome, Camping, Wheelchairs
2	955 51	D26 / MO60	55	72	85	1	1	256	174	205	225	mGGA	B00	Caravan, Motorhome, Camping, Boats, Wheelchairs
3	956 01 	H6 / L3	60	80	90	0	1	278	175	190	190	mGGA	B13	Caravan, Motorhome, Camping, Wheelchairs
4	957 51 	H8 / L5	75	100	110	0	1	354	175	190	190	mGGA	B13	Caravan, Motorhome, Camping, Boats
5	959 01 	LOT7	90	115	135	0	1	350	175	230	230	mGGA	B00	Caravan, Motorhome, Camping, Boats
6	960 51	A	105	130	140	3	1	514	189	195	220	mGRZS	B00	Caravan, Motorhome, Camping, Boats, Signal units
7	963 51	B	135	180	195	3	1	514	223	195	220	mGRZS	B00	Caravan, Motorhome, Camping, Boats
8	968 01	C	180	230	250	3	1	517	273	212	240	mGRZS	B00	Caravan, Motorhome, Camping, Boats

 Double Top,  = 4-chamber leak protection, RF = vibration-resistant, GA = battery with central degassing, HGI = hard rubber set, mG = with handle, RZS = flame arrester,

\* limited use, \*\* with base hold-down adapter





# BIKE BULL CLASSIC

## MOTORBIKE POWER.

Entry into Banner's brand world consists of classic lead batteries with an electrolyte pack. The robust technology involved has been specially trimmed to motorcycling and the batteries are only opened for commissioning and maintenance.

### TECHNICAL DATA AND INFORMATION

- ▶ Highly resilient
- ▶ Reliable starting even in the case of short distance use
- ▶ Extensive product programme with 35 types of battery
- ▶ Dry pre-charging, including electrolyte pack



Motorcycles road/cross



ATV/Quads



Jetskis



Riding mowers







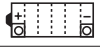
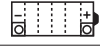
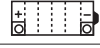





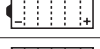
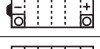
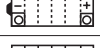
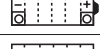




Snowmobiles

# BIKE BULL CLASSIC

Banner battery type		First fitting designation	Banner order number	Ah 10 h							Drawing
6 Volt						Length x Width x Height					
1	<b>004 12</b>	6N4B-2A	020 004 12 0100	4	5	102	48	96	0,20	B00	
2	<b>007 14</b>	B39-6	020 007 14 0100	7	6	126	48	126	0,30	B00	
3	<b>008 11</b>	B49-6	020 008 11 0100	8	6	91	83	160	0,50	B00	
4	<b>012 11</b>	6N11A-3A	020 012 11 0100	11	6	122	62	132	0,40	B00	
5	<b>012 14</b>	6N11A-1B	020 012 14 0100	11	6	122	62	132	0,40	B00	
6	<b>012 25</b>	6N12A-2D	020 012 25 0100	12	6	156	57	116	0,50	B00	
7	<b>013 14</b>	B38-6A	020 013 14 0100	14	6	119	83	161	0,70	B00	
12 Volt											
8	<b>503 12</b>	YB3L-A	020 503 12 0100	3	6	98	56	110	0,20	B00	
9	<b>503 13</b>	YB3L-B	020 503 13 0100	3	6	98	56	110	0,20	B00	
10	<b>504 11</b>	YB4L-B	020 504 11 0100	4	5	120	70	92	0,30	B00	
11	<b>505 12</b>	YB5L-B	020 505 12 0100	5	6	120	60	130	0,40	B00	
12	<b>506 11</b>	12N5,5-3B	020 506 11 0100	6	6	135	60	130	0,40	B00	
13	<b>507 13</b>	YB7-A	020 507 13 0100	8	6	135	75	133	0,60	B00	
14	<b>507 14</b>	YB7C-A	020 507 14 0100	8	3	130	90	114	0,60	B00	
15	<b>509 14</b>	YB9-B	020 509 14 0100	9	6	135	75	139	0,60	B00	
16	<b>511 12</b>	YB10L-A2	020 511 12 0100	11	8	135	90	145	0,80	B00	
17	<b>511 13</b>	YB10L-B	020 511 13 0100	11	6	135	90	145	0,80	B00	
18	<b>512 11</b>	YB12A-A	020 512 11 0100	12	6	134	80	160	0,80	B00	
19	<b>512 13</b>	YB12AL-A2	020 512 13 0100	12	8	134	80	160	0,80	B00	

# BIKE BULL CLASSIC


Banner battery type	First fitting designation	Banner order number	Ah 10 h					Drawing			
Length x Width x Height											
20	<b>512 15</b>	YB12A-B	020 512 15 0100	12	6	134	80	160	0,80	B00	
21	<b>514 11</b>	YB14L-A2	020 514 11 0100	14	8	134	89	166	0,90	B00	
22	<b>514 12</b>	YB14-A2	020 514 12 0100	14	8	134	89	166	0,90	B00	
23	<b>514 13</b>	YB14L-B2	020 514 13 0100	14	8	134	89	166	0,90	B00	
24	<b>514 14</b>	YB14-B2	020 514 14 0100	14	8	134	89	166	0,90	B00	
25	<b>516 15</b>	YB16B-A1	020 516 15 0100	16	7	160	90	161	1,00	B00	
26	<b>516 16</b>	YB16AL-A2	020 516 16 0100	16	2	207	71	164	1,10	B00	
27	<b>518 14</b>	Europa	020 518 14 0100	19	10	186	82	171	1,00	B00	
28	<b>519 12</b>	YB16-B	020 519 12 0100	19	6	175	100	155	1,20	B00	
29	<b>519 15</b>	YB16HL-A-CX	020 519 15 0100	19	5	175	100	155	1,20	B00	
30	<b>520 11</b>	Y50-N18L-A3	020 520 11 0100	20	4	205	90	162	1,40	B00	
31	<b>520 12</b>	Y50-N18L-A	020 520 12 0100	20	7	205	90	162	1,40	B00	
32	<b>528 16</b>	Y60-N24L-A	020 528 16 0100	28	3	184	124	175	1,70	B00	
33	<b>530 15</b>	YB30L-B	020 530 15 0100	30	4	168	132	176	2,00	B00	
34	<b>530 30</b>		010 530 30 0101	30	10	187	128	165	1,60	B00	
35	<b>530 34</b>		010 530 34 0101	30	10	187	128	165	1,60	B00	

**Ah 10 h**


Capacity in Ah (10h)

**A (CCA)**


Low-temperature test current



Terminal



Max. dimensions in mm  
Length x Width x Total height



Bottom strip



Acid in approx. litres



# BIKE BULL AGM

## THE LATEST AGM TECHNOLOGY FOR UNIVERSAL APPLICATIONS.

This is pure Banner power for motorcycles, ATVs/quads, jet skis and tractor mowers. Bike Bull AGM batteries are absolutely maintenance-free and employ the latest absorbent glass mat (AGM) technology. The acid is bound in by the mat and therefore cannot escape.

### TECHNICAL DATA AND INFORMATION

- ▶ Excellent start performance with safety reserves
- ▶ AGM technology
- ▶ Absolutely maintenance-free
- ▶ Vibration-resistant
- ▶ Dry pre-charging, including electrolyte pack



Motorcycles road/cross



ATV/Quads



Jetskis



Snowmobiles

# BIKE BULL AGM

Banner battery type	First fitting designation	Banner order number	Ah 10 h	A (CCA)					Drawing			
Length x Width x Height												
1	<b>AGM 503 14</b>	YTX4L-BS	021 503 14 0100	3	50	5	113	70	87	0,19	B00	
2	<b>AGM 504 12</b>	YTX5L-BS	021 504 12 0100	4	80	5	113	70	105	0,24	B00	
3	<b>AGM 506 14</b>	YTX7L-BS	021 506 14 0100	6	100	5	113	70	130	0,33	B00	
4	<b>AGM 506 15</b>	YTX7A-BS	021 506 15 0100	6	105	5	150	87	95	0,38	B00	
5	<b>AGM 508 12</b>	YTX9-BS	021 508 12 0100	8	110	5	151	87	106	0,45	B00	
6	<b>AGM 510 12</b>	YTX12-BS	021 510 12 0100	10	160	5	150	87	130	0,60	B00	
7	<b>AGM 512 14</b>	YTX14-BS	021 512 14 0100	12	190	5	150	87	146	0,69	B00	
8	<b>AGM 513 14</b>	YTX15L-BS	021 513 14 0100	13	240	4	175	87	130	0,75	B00	
9	<b>AGM 514 22</b>	YTX16-BS	021 514 22 0100	14	210	4	150	88	161	0,80	B00	
10	<b>AGM 518 21</b>	YTX20L-BS	021 518 21 0100	18	250	4	175	87	154	0,90	B00	
11	<b>AGM 518 22</b>	YTX20CH-BS	021 518 22 0100	18	220	4	150	87	161	0,70	B00	
12	<b>AGM 522 14</b>	YTX50L-BS	021 522 14 0100	22	320	4	205	90	164	1,08	B00	

**Ah 10 h**

Capacity in Ah (10h)

**A (CCA)**

Low-temperature test current

Terminal

Max. dimensions in mm  
Length x Width x Total height

Bottom strip

Acid in approx. litres



# BIKE BULL GEL

## GEL POWER FOR OFF-ROAD AND TOURING RIDERS.

The new Bike Bull GEL product line combines innovative GEL technology with the highest levels of user-friendliness and operational safety. It is therefore ideally suited to enduro and touring bikes. The Bike Bull GEL is an advanced quality battery with non-woven web separator and fixed electrolyte. It offers increased start performance and outstanding vibration and cyclical resistance.

### TECHNICAL DATA AND INFORMATION

- ▶ Excellent start performance
- ▶ High levels of vibration and cyclical resistance
- ▶ Absolutely maintenance-free
- ▶ Totally leak-free
- ▶ Installation in a lateral position possible
- ▶ Pre-charged and ready for immediate use



Motorcycles road/cross



ATV/Quads



Jetskis



Riding mowers

# BIKE BULL GEL

Banner battery type	First fitting designation	Banner order number	Ah 10 h	A (CCA)					Drawing			
Length x Width x Height												
1	<b>GEL 503 01</b>	GTR4A-5	023 503 01 0101	3	53	12	113	48	85	-	B00	
2	<b>GEL 506 01</b>	GT7B-4	023 506 01 0101	6	90	11	150	65	92	-	B00	
3	<b>GEL 506 21</b>	GT7-3	023 506 21 0101	6	95	5	114	71	106	-	B00	
4	<b>GEL 508 01</b>	GT9B-4	023 508 01 0101	8	115	11	150	69	105	-	B00	
5	<b>GEL 509 01</b>	GTZ10-4	023 509 01 0101	9	180	11	150	86	94	-	B00	
6	<b>GEL 510 01</b>	GT12B-4	023 510 01 0101	10	185	11	150	69	130	-	B00	
7	<b>GEL 510 21</b>	GT12A-4	023 510 21 0101	10	185	11	150	87	106	-	B00	
8	<b>GEL 512 01</b>	GTZ14-4	023 512 01 0101	11	190	11	151	87	110	-	B00	
9	<b>GEL 512 21</b>	GTZ14B-4	023 512 21 0101	12	200	11	150	69	145	-	B00	
10	<b>GEL 521 01</b>	GT20H-3	023 521 01 0101	19	310	10	183	79	171	-	B00	
11	<b>GEL 530 01</b>	GT30-3	023 530 01 0101	30	380	5	168	127	177	-	B00	

**Ah 10 h**

Capacity in Ah (10h)

**A (CCA)**

Low-temperature test current

Terminal

Max. dimensions in mm  
Length x Width x Total height

Bottom strip

Acid in approx. litres





# BIKE BULL AGM PROFESSIONAL

## PROFESSIONAL AGM POWER FOR HIGHEST DEMANDS.

The new Bike Bull AGM PROfessional is a top product in original parts (OEM) quality. This premium AGM battery is used for Harley Davidsons and BMW bikes, as well as for models with ABS and numerous special features. Due to its excellent stability in low temperatures, it is also ideal for snowmobiles. In combination with tipping safety, this leak-proof battery also stands out due to its vibration resistance and exceptional starting performance.

### TECHNICAL DATA AND INFORMATION

- ▶ Top start performance
- ▶ Maximum vibration and cyclical resistance
- ▶ Absolutely maintenance-free
- ▶ Totally leak-free
- ▶ Installation in a lateral position possible
- ▶ Excellent stability in low temperatures
- ▶ Pre-charged and ready for immediate use



Motorcycles road/cross



ATV/Quads



Jetskis



Snowmobiles

# BIKE BULL AGM PROFESSIONAL

Banner battery type	First fitting designation	Banner order number	Ah 10 h	A (CCA)					Drawing			
Length x Width x Height												
1	AGM PRO 509 01	ETX 9	024 509 01 0101	8	120	10	150	88	106	-	B00	
2	AGM PRO 514 01	ETX 14	024 514 01 0101	12	220	10	150	88	145	-	B00	
3	AGM PRO 516 01	ETX 16L	024 516 01 0101	19	325	10	175	100	155	-	B00	
4	AGM PRO 520 01	ETX 20L	024 520 01 0101	18	310	10	175	88	155	-	B00	
5	AGM PRO 530 01	ETX 30L	024 530 01 0101	26	400	10	168	131	176	-	B00	

	Terminal				Terminal				Terminal		
	Front	Side	Top		Front	Side	Top		Front	Side	Top
1				6				11			
2				7				12			
3				8				13			
4				9				14			
5				10							

**Ah 10 h**

Capacity in Ah (10h)

**A (CCA)**

Low-temperature test current

Terminal

Max. dimensions in mm  
Length x Width x Total height

Bottom strip

Acid in approx. litres

# GARDEN BULL



## Banner GARDEN BULL - PREMIUM QUALITY FOR TRACTOR MOWERS!


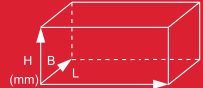


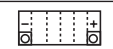

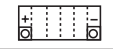
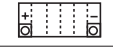


The Garden Bull has been developed specially for garden mowers and offers the very latest battery technology, which incorporates long service life, excellent performance, outstanding reliability, a low self-discharge rate and high levels of cold start power. How powerful a battery really is shows the performing during the first start after the long winter break.

### TECHNICAL DATA AND INFORMATION

- ▶ Offer from 6 powerful versions with 18 to 30 Ah capacity
- ▶ Pre-charged with electrolyte pack. After filling ready for use
- ▶ Shock-resistant, safe against tipping and leaks when installed vertically
- ▶ Innovative quality: up to 30 % more starting power than standard batteries
- ▶ Excellent performance, long service life and low self-discharge rate
- ▶ Ideal in winter when tractor mowers are used for snow clearance
- ▶ Suitable for 90% of all lawn tractors



# GARDEN BULL

Banner battery type	First fitting designation	Banner order number	Ah 10 h	A (CCA)					Drawing			
Length x Width x Height												
1	518 19	U1R-7	026 518 19 0100	18	195	T4	196	131	183	1,80	B00	
2	524 21	12N24-3	026 524 21 0100	24	225	T4	182	124	178	1,70	B00	
3	524 22	12N24-4	026 524 22 0100	24	225	T4	182	124	178	1,70	B00	
4	524 25	U1-9	026 524 25 0100	24	260	T4	196	131	183	1,70	B00	
5	524 26	U1R-9	026 524 26 0100	24	260	T4	196	131	183	1,70	B00	
6	530 20	U1R-32	026 530 20 0100	30	290	T4	196	131	183	1,60	B00	




**Ah 10 h**


Capacity in Ah (10h)

**A (CCA)**


Low-temperature test current




Terminal



Max. dimensions in mm  
Length x Width x Total height



Bottom strip



Acid in approx. litres

# LAYOUT

	6 Volt	12 Volt
0		
1		
2		
3		
4		

	6 Volt	12 Volt
5		
6		
9		
10		

# TERMINALS

 Terminal 1	 Terminal 4
 Terminal 3	 Terminal 5
 Terminal T4	

 Terminal 8	 Terminal 20 neg pos Dimension as shown in fig "terminal T"
 Terminal 19	 Terminal K Terminal 21 3/8" x 8

# BASE HOLD-DOWNS

B 00	without hold down		
B 01			
B 03			
B 04			
B 05			
B 06			
B 07			

B 09			
B 11			
B 12			
B 13			
B 14			

POWER BULL/RUNNING BULL



Alfa Romeo	
145 (930) 1,3-1,6	PRO P50 40
145 (930) 1,7-2,0	PRO P63 40
145 (930) 1,9TD, JTD	PRO P77 40
146 (930) 1,3-1,6	PRO P50 40
146 (930) 1,7-2,0	PRO P63 40
146 (930) 1,9TD, JTD	PRO P77 40
147 (937) 1,6-2,0	PRO P63 40
147 (937) 1,9 JTD	PRO P77 40
155 (167) 1,6-2,0	PRO P63 40
155 (167) 1,9TD, JTD	PRO P77 40
156+Sportwagon (932) 1,6-1,8	PRO P63 40
156+Sportwagon (932) 1,9-2,4 JTD, 3,2 GTA	PRO P77 40
156+Sportwagon (932) 2,0-2,5 V6	PRO P77 40
159 (939) 1,8-2,2	PRO P63 40
159 (939) 3,2 V6	PRO P77 40
159+Sportwagon (939) 1,9 JTD	PRO P63 40
159+Sportwagon (939) 2,4 JTD	PRO P77 40
164 (164) 2,0 4cyl.	PRO P63 40
164 (164) 2,0-3,0 6cyl.	PRO P63 40
164 (164) 2,5 TD	PRO P100 40
166 (936) 2,0-3,2 V6	PRO P77 40
166 (936) 2,4 JTD	PRO P100 40
4C 1.8	PRO P63 40
4C 1,6 JTDM	PRO P77 40
4C 1,8 Start/Stop	EFB 560 11
4C 1,6 JTDM Start/Stop	EFB 570 11
8CV8	PRO P77 40
Brera (939) 2,2-3,2 V6	PRO P63 40
Brera (939) 2,4 JTDM	PRO P77 40
Giulietta (940) 1,4 Turbo Start/Stop	EFB 560 11
Giulietta (940) 1,6-2,0 JTDM Start/Stop	EFB 570 11
GT (937) 1,8-3,2 GTA, 1,9 JTD	PRO P63 40
GTV (916C_) 1,8-3,2 V6	PRO P77 40
MiTo (955) 1,6 JTDM	PRO P77 40
MiTo (955) 1,3 JTDM; 0,9-1,4 Start/Stop	EFB 560 11
MiTo (955) 1,6 JTDM Start/Stop	EFB 570 11
Q2	PRO P63 40
RZ Zagato 3,0 V6	PRO P63 40
Spider (916) 1,8-2,0	PRO P63 40
Spider (916) 3,0-3,2 V6	PRO P77 40
Spider (939) 3,2 JTS	PRO P63 40
Spider (939) 2,4 JTDM	PRO P77 40
Stelvio 2,0 Q4 (949)**	EFB 570 11
Stelvio 2,9 Q4 (949)**	EFB 580 11
Stelvio 2,2 D Q4 (949)**	EFB 580 11
SZ Zagato 3,0 V6	PRO P63 40
Audi	
A1 (8X1, 8XA) 1,2 TFSI Start/Stop**	AGM 560 01
A1 (8X1, 8XA) 1,4 TFSI Start/Stop**	AGM 570 01
A1 (8X1, 8XA) 1,6 TDI (66 kW) Start/Stop**	AGM 560 01
A1 (8X1, 8XA) 1,6 (77 kW) 2,0 TDI Start/Stop**	AGM 570 01
A2 (8Z0) 1,2-1,4 TDI	PRO P84 40
A2 (8Z0) 1,4-1,6 FSI	PRO P77 40
A2 (8Z0) 1,2-1,4 TDI Start/Stop	AGM 580 01
A2 (8Z0) 1,4-1,6 FSI Start/Stop	AGM 570 01
A3 (8L1) 1,6-1,8 T, quattro	PRO P63 40
A3 (8L1) S3 quattro	PRO P77 40
A3 (8L1) 1,9 TDI quattro	PRO P77 40
A3 (8P1, 8PA) 1,2 TSI	PRO P63 40
A3 (8P1, 8PA) 1,2 TSI Start/Stop	AGM 570 01
A3 (8P1, 8PA) 1,4 TFSI	PRO P63 40
A3 (8P1, 8PA) 1,4 FSI, TFSI Start/Stop	AGM 570 01
A3 (8P1, 8PA) 1,6 (74-75kW)-1,8 FSI, TFSI	PRO P63 40
A3 (8P1, 8PA) 1,6 TDI	PRO P63 40
A3 (8P1, 8PA) 1,6 TDI Start/Stop**	AGM 570 01
A3 (8P1, 8PA) 1,9-2,0 TDI	PRO P84 40
A3 (8P1) 2,0 FSI, TFSI, quattro	PRO P77 40
A3 (8P1, 8PA) 2,0 TDI quattro Start/Stop**	AGM 570 01
A3 (8P1, 8PA) 2,0 TDI, quattro, S3 quattro	PRO P77 40
A3 (8P1, 8PA) 3,2 V6 quattro	PRO P84 40
A3 Cabrio (8P7) 1,2 TFSI	PRO P63 40
A3 Cabrio (8P7) 1,2 TFSI Start/Stop	AGM 570 01
A3 Cabrio (8P7) 1,8-2,0 FSI	PRO P63 40
A3 Cabrio (8P7) 1,8-2,0 TFSI Start/Stop	AGM 570 01
A3 Cabrio (8P7) 1,6-2,0 TDI	PRO P84 40

A3 Cabrio (8P7) 1,6-2,0 TDI Start/Stop**	AGM 570 01
A4 (8D2, 8D5, B5) 1,6-2,0 quattro, Avant, FSI*	PRO P63 40
A4 (8D2, 8D5, B5) 1,9-3,0 TDI, quattro, Avant*	PRO P84 40
A4 (8D2, 8D5, B5) 2,4-3,2 quattro, Avant, FSI, RS4, S4*	PRO P77 40
A4 (8E2, B6, 8E5, 8H7, 8HE, 8EC, 8ED, 8K2, 8K5) 1,6-2,0 quattro, Avant, Cabrio,FSI	PRO P63 40
A4 (8E2, B6, 8E5, 8H7, 8HE, 8EC, 8ED, 8K2, 8K5) 2,4-3,2 quattro, Avant, Cabrio, FSI	PRO P77 40
A4 (8E2, B6, 8E5, 8H7, 8HE, 8EC, 8ED, 8K2, 8K5) 1,9-2,0 TDI, quattro, Avant, Cabrio	PRO P84 40
A4 (8E2, B6, 8E5, 8H7, 8HE, 8EC, 8ED, 8K2, 8K5) 2,5-3,0 TDI, quattro, Avant, Cabrio, S4	PRO P100 40
A4 (8K2, 8K5) 1,8 TFSI	PRO P77 40
A4 (8K2, 8K5) 1,8 TFSI Start/Stop	AGM 570 01
A4 (8K2, 8K5) 2,0 TFSI, 3,2 FSI quattro	PRO P77 40
A4 (8K2, 8K5) 2,0 TFSI, 3,2 FSI quattro Start/Stop	AGM 570 01
A4 (8K2, 8K5) 2,0 TDI quattro Start/Stop**	AGM 592 01
A4 (8K2, 8K5) 2,7-3,0 TDI	PRO P100 40
A4 (8K2, 8K5) 2,7-3,0 TDI Start/Stop**	AGM 592 01
A4 Allroad (8KH) 2,0 TFSI quattro	PRO P77 40
A4 Allroad (8KH) 2,0 TFSI quattro Start/Stop	AGM 570 01
A4 Allroad (8KH) 2,0 TDI quattro	PRO P100 40
A4 Allroad (8KH) 2,0 TDI quattro Start/Stop**	AGM 592 01
A5 (8T, 8F) 1,8 TFSI	PRO P100 40
A5 (8T, 8F) 1,8 TFSI Start/Stop	AGM 592 01
A5 (8T, 8F) 2,0 TFSI quattro	PRO P77 40
A5 (8T, 8F) 2,0 TFSI quattro Start/Stop**	AGM 570 01
A5 (8T, 8F) 2,0 TDI	PRO P77 40
A5 (8T, 8F) 2,0 TDI Start/Stop**	AGM 592 01
A5 (8T, 8F) 3,2 FSI, S5 quattro	PRO P110 40
A5 (8T, 8F) 3,2 FSI; S5 quattro Start/Stop**	AGM 605 01
A5 (8T, 8F) 2,7-3,0 TDI quattro	PRO P110 40
A5 (8T, 8F) 2,7-3,0 TDI quattro Start/Stop**	AGM 605 01
A6 (4A, C4) 1,8-2,0 quattro, Avant*	P60 09
A6 (4A, C4) 1,9-2,5 TDI*	P72 09
A6 (4A, C4) 2,3-2,8 quattro, Avant*	P72 09
A6 (4A, C4) S6 quattro*	P72 09
A6 (4B, C5) 1,8-2,4 FSI	PRO P77 40
A6 (4B, C5, 4F2, 4F5, 4FH) 1,9 TDI quattro, Allroad, Avant	PRO P84 40
A6 (4B, C5, 4F2, 4F5, 4FH) 2,0-3,0 TDI quattro, Allroad, Avant	PRO P100 40
A6 (4F2, 4F5, 4FH) 2,0 TFSI	PRO P100 40
A6 (4F2, 4F5, 4FH) 2,0 TFSI Start/Stop	AGM 592 01
A6 (4F2, 4F5, 4FH) 2,4-2,8 FSI quattro	PRO P84 40
A6 (4F2, 4F5, 4FH) 3,0-4,2 FSI quattro	PRO P100 40
A6 (4F2, 4F5, 4FH) 3,0-4,2 FSI quattro Start/Stop	AGM 592 01
A6 (4F2, 4F5, 4FH) 2,7-3,0 TDI quattro	PRO P100 40
A6 (4F2, 4F5, 4FH) 2,7-3,0 TDI quattro Start/Stop	AGM 592 01
A6 (4F2, 4F5, 4FH) 2,0-3,0 TDI quattro, Allroad, Avant Start/Stop	AGM 605 01
A6 (4G2) 2,8-3,0 FSI TFSI quattro Start/Stop**	AGM 570 01
A6 (4G2) 3,0 TDI quattro Start/Stop**	AGM 580 01
A7 (4AG) 2,8 FSI quattro Start/Stop	AGM 570 01
A7 (4GA) 3,0 FSI quattro	PRO P84 40
A7 (4GA) 3,0-4,0 FSI quattro Start/Stop**	AGM 580 01
A7 (4GA) 3,0 TDI quattro	PRO P110 40
A7 (4GA) 3,0 TDI quattro Start/Stop**	AGM 592 01
A8 (4D2, 4D8) 2,8-6,0 quattro, S8	PRO P100 40
A8 (4D2, 4D8) 2,5-3-3 TDI quattro	PRO P100 40
A8 (4E) 2,8-6,0 FSI quattro	PRO P110 40
A8 (4E) 2,8-6,0 FSI quattro Start/Stop**	AGM 592 01
A8 (4E) 3,0-4,2 TDI quattro	PRO P110 40
A8 (4H) 3,0 TDI quattro	PRO P110 40
A8 (4H) 3,0 TDI quattro Start/Stop**	AGM 592 01
Allroad (4BH) 2,7-4,2 T quattro, 2,5 TDI quattro	PRO P100 40
Cabriolet (8G7, B4) 1,8-2,8*	P72 09
Cabriolet (8G7, B4) 1,9 TDI*	P72 09
Coupe (89, B8) 1,8-2,8 quattro*	P72 09
Q2 (GA) 1,0-1,5 TSI Start/Stop	EFB 560 11
Q2 (GA) 2,0 TSI Start/Stop	EFB 570 11
Q2 (GA) 1,6-2,0 TDI Start/Stop	EFB 570 11
Q3 2,0 TFSI quattro Start/Stop	AGM 570 01
Q3 2,0 TDI quattro Start/Stop	AGM 570 01
Q5 (8R) 2,0 TFSI quattro	PRO P77 40
Q5 (8R) 2,0 TFSI quattro Start/Stop**	AGM 570 01

Q5 (8R) 2,0 TFSI hybrid quattro Start/Stop**	AGM 580 01
Q5 (8R) 2,0 TDI quattro (105 kW)	PRO P77 40
Q5 (8R) 2,0 TDI quattro (105 kW) Start/Stop**	AGM 592 01
Q5 (8R) 2,0 TDI quattro (120 kW)	PRO P84 40
Q5 (8R) 2,0 TDI quattro (120 kW) Start/Stop**	AGM 592 01
Q5 (8R) 3,0 TDI quattro	PRO P100 40
Q5 (8R) 3,0 TDI quattro Start/Stop**	AGM 592 01
Q7 (4L) 3,6-4,2 FSI	PRO P110 40
Q7 (4L) 3,6-4,2 FSI Start/Stop**	AGM 592 01
Q7 (4L) 3,0-6,0 TDI	PRO P110 40
Q7 (4L) 3,0-6,0 TDI Start/Stop**	AGM 592 01
Q8 (4M) 3,0 FSI Start/Stop	AGM 592 01
Q8 (4M) 3,0 TDI Start/Stop**	AGM 592 01
R8 (42) 4,2 quattro	PRO P110 40
R8 (42) 4,2 quattro Start/Stop	AGM 605 01
RS7 (4GA) 4,0 FSI V8 Start/Stop**	AGM 580 01
TT (8N3) 1,8 T quattro	PRO P63 40
TT (8N3) 3,2 VR6 quattro	PRO P63 40
TT (8N3) 3,2 VR6 quattro Start/Stop	AGM 570 01
TT Roadster (8N9) 1,8-3,2 T quattro	PRO P63 40
TT Roadster (8N9) 1,8-3,2 T quattro Start/Stop	AGM 570 01
TT Roadster (8N9) 3,2 V6 quattro Start/Stop	AGM 570 01
TT (8J3) 2,0 TFSI quattro	PRO P84 40
TT (8J3) 2,0 TFSI quattro Start/Stop**	AGM 580 01
TT Roadster (8J9) 2,0 TFSI quattro, 3,2 V6 quattro	PRO P84 40
TT Roadster (8J9) 2,0 TFSI quattro, 3,2 V6 quattro Start/Stop**	AGM 580 01
V8 (D1) 3,6-4,2 quattro*	PRO P100 40

BMW	
1 (E81, 82, 87) 116-118 i	PRO P50 40
1 (E81, 82, 87) 116 i EfficientDynamics Start/Stop	AGM 570 01
1 (E81, 82, 87) 120 - 130 i	PRO P63 40
1 (E81, 82, 87) 118-135 i EfficientDynamics Start/Stop**	AGM 570 01
1 (E81, 82, 87) 116-123 d EfficientDynamics Start/Stop**	AGM 580 01
1 (E81, 82, 87) 118 d, 120 d	PRO P84 40
1 Cabrio (E88) 118-125 i	PRO P63 40
1 Cabrio (E88) 118-125 i EfficientDynamics Start/Stop**	AGM 570 01
1 Cabrio (E88) 135 i	PRO P84 40
1 Cabrio (E88) 118-123 d	PRO P84 40
1 Cabrio (E88) 135 i EfficientDynamics Start/Stop	AGM 580 01
1 Cabrio (E88) 118-123 d EfficientDynamics Start/Stop**	AGM 580 01
1 (F20) 116-118 i EfficientDynamics Start/Stop**	AGM 570 01
1 (F20) 116-120 d EfficientDynamics Start/Stop	AGM 580 01
2 Coupe, Cabrio, Tourer (F22, F87) 218-240 i EfficientDynamics Start/Stop**	AGM 570 01
2 Coupe, Cabrio, Tourer (F22, F87) 218-225 d, M 235 i EfficientDynamics Start/Stop**	AGM 580 01
3 (E36) 316-318 i	P60 09
3 (E36) 320-330 i, xi, M3	P72 09
3 (E36) 318-325 td, tds	PRO P100 40
3 (E46) 316-318 i	PRO P77 40
3 (E46) 316-318 i EfficientDynamics Start/Stop	AGM 570 01
3 (E46) 320-330 i, xi	PRO P77 40
3 (E46) 320-330 i, xi Efficient Dynamics Start/Stop	AGM 570 01
3 (E46) 318-320 d	PRO P84 40
3 (E46) 318-320 d EfficientDynamics Start/Stop	AGM 580 01
3 (E46) 330 d, xd	PRO P100 40
3 (E46) 330 d, xd EfficientDynamics Start/Stop	AGM 592 01
3 (E90) 318-320 i	PRO P63 40
3 (E90) 325-335 i, M3	PRO P84 40
3 (E90) 318 d-320 d	PRO P100 40
3 (E90) 325 d-335 d, xd	PRO P100 40
3 (E90) 318-320 i, M3 EfficientDynamics Start/Stop**	AGM 570 01
3 (E90) 325-335 i EfficientDynamics Start/Stop**	AGM 580 01
3 (E90) 316-335 d, xd EfficientDynamics Start/Stop**	AGM 592 01
3 (F30) 328-335 i EfficientDynamics Start/Stop	AGM 592 01
3 (F30) 320 d EfficientDynamics Start/Stop	AGM 592 01
3 Cabrio (E36) 318 i	P60 09
3 Cabrio (E36) 320-328 i, M3 3,0-3,2	P72 09
3 Cabrio (E46) 318-330 Ci	PRO P77 40

\* with base hold-down adapter Art.No. 305002030101

\*\* Please check the original battery, as differing battery sizes and technologies may be installed. The battery choice depends primarily upon the electrical extras. (VRLA=AGM, AFB/ECM=EFB)

\*\*\* with terminal covers thin-DIN Art.No. 1020001300+1020001400

\*\*\*\* not yet available in the Banner assortment



**POWER BULL/RUNNING BULL**

3 Cabrio (E46) 318-330 Cd	PRO P84 40
3 Cabrio (E46) 318-330 Ci EfficientDynamics Start/Stop	AGM 570 01
3 Cabrio (E93) 320-335 i	PRO P77 40
3 Cabrio (E93) 330 d	PRO P84 40
3 Cabrio (E93) 320-335 i EfficientDynamics Start/Stop**	AGM 592 01
3 Cabrio (E93) 320-330 d EfficientDynamics Start/Stop	AGM 592 01
3 Compact (E36) 316-318 ti	P60 09
3 Compact (E36) 323 ti	P72 09
3 Compact (E36) 318 tds	PRO P100 40
3 Compact (E46) 316-318 ti	PRO P63 40
3 Compact (E46) 325 ti	PRO P84 40
3 Compact (E46) 318-320 td	PRO P84 40
3 Coupe (E36) 316-320 i	P60 09
3 Coupe (E36) 323 i	P60 09
3 Coupe (E36) 325-328 i	P72 09
3 Coupe (E46) 316-318 Ci	PRO P63 40
3 Coupe (E46) 320-330 Ci, M3	PRO P77 40
3 Coupe (E46) 330 Cd	PRO P100 40
3 Coupe (E46) 316-318 Ci EfficientDynamics Start/Stop	AGM 570 01
3 Coupe (E46) 320-330 Ci, M3 EfficientDynamics Start/Stop	AGM 570 01
3 Coupe (E46) 330 Cd EfficientDynamics Start/Stop	AGM 592 01
3 Coupe (E92) 320 i-330 xi	PRO P84 40
3 Coupe (E92) 320-335 d	PRO P100 40
3 Coupe (E92) 320 i-330 xi EfficientDynamics Start/Stop	AGM 592 01
3 Coupe (E92) 320-335 d, xd EfficientDynamics Start/Stop	AGM 592 01
3 Touring (E30) 316-320 i	P60 09
3 Touring (E30) 325 i, X	PRO P63 40
3 Touring (E30) 324 td	P88 20
3 Touring (E36) 318 i, tds	P60 09
3 Touring (E36) 320-328 i	PRO P77 40
3 Touring (E36) 318-325 tds	PRO P100 40
3 Touring (E46) 316-318i	PRO P63 40
3 Touring (E46) 318-320 d	PRO P84 40
3 Touring (E46) 320-330 i, xi	PRO P77 40
3 Touring (E46) 330 d, xd	PRO P100 40
3 Touring (E46) 316-318i EfficientDynamics Start/Stop	AGM 570 01
3 Touring (E46) 318-320 d EfficientDynamics Start/Stop	AGM 592 01
3 Touring (E46) 320-330 i, xi EfficientDynamics Start/Stop**	AGM 570 01
3 Touring (E46) 330 d, xd EfficientDynamics Start/Stop	AGM 592 01
3 Touring (E91) 318-320i	PRO P63 40
3 Touring (E91) 325-335i	PRO P84 40
3 Touring (E91) 318-320 d	PRO P100 40
3 Touring (E91) 325-335 d	PRO P100 40
3 Touring (E91) 318-320 i EfficientDynamics Start/Stop	AGM 592 01
3 Touring (E91) 325-335 i EfficientDynamics Start/Stop	AGM 592 01
3 Touring (E91) 318-320 d EfficientDynamics Start/Stop	AGM 592 01
4 Coupe, Convertible (F32, F33) 420-435 i EfficientDynamics Start/Stop	AGM 592 01
4 Coupe, Convertible (F32, F33) 420-435 d xDrive EfficientDynamics Start/Stop	AGM 592 01
3 Touring (E91) 325-335 d, xd EfficientDynamics Start/Stop	AGM 592 01
5 (E34) 518-520 i	PRO P63 40
5 (E34) 525 i	PRO P77 40
5 (E34) 525 td, tds	PRO P100 40
5 (E34) 530-540 i	PRO P100 40
5 (E39) 520-540 i	PRO P100 40
5 (E39) 520-530 d, td, tds	PRO P100 40
5 (E60) 520-530 i	PRO P100 40
5 (E60) 540-550 i, M5	PRO P100 40
5 (E60) 520-535 d, tds	PRO P100 40
5 (E60) 520-530 i EfficientDynamics Start/Stop	AGM 592 01

5 (E60) 540-550 i, M5 EfficientDynamics Start/Stop	AGM 592 01
5 (E60) 520-535 d, tds EfficientDynamics Start/Stop	AGM 592 01
5 (F10) 520 d EfficientDynamics Start/Stop**	AGM 592 01
5 Touring (E34) 518-520 i	PRO P63 40
5 Touring (E34) 525 i	PRO P63 40
5 Touring (E34) 525 tds	PRO P100 40
5 Touring (E34) 530-540 i	PRO P100 40
5 Touring (E39) 520-530 d, td, tds	PRO P100 40
5 Touring (E39) 520-540 i	PRO P100 40
5 Touring (E61) 520-530 i, xi	PRO P100 40
5 Touring (E61) 545-550 i	PRO P100 40
5 Touring (E61) 520-535 d, xd	PRO P100 40
5 Touring (E61) 520-530 i, xi EfficientDynamics Start/Stop	AGM 592 01
5 Touring (E61) 545-550 i EfficientDynamics Start/Stop	AGM 592 01
5 Touring (E61) 520-530 d, xd EfficientDynamics Start/Stop	AGM 592 01
5 Touring (F11) 520-525 d, xDrive EfficientDynamics Start/Stop**	AGM 592 01
6 (E63, E64) 630-650 i, Ci, Csi, Cabrio, M6	PRO P110 40
6 (E64) Coupe, Cabrio 630-650 i, Ci, Csi EfficientDynamics Start/Stop	AGM 592 01
6 (F12) 640 i EfficientDynamics Start/Stop**	AGM 592 01
6 Coupe/Gran Coupe (F13, F06) 640 i EfficientDynamics Start/Stop**	AGM 592 01
6 Coupe/Gran Coupe (F13, F06) 640 d EfficientDynamics Start/Stop**	AGM 605 01
7 (E32) 730 i (138 kW)	PRO P77 40
7 (E32) 730 i (160 kW)-750 i	PRO P84 40
7 (E38) 728-740 i, 730-740 d	PRO P100 40
7 (E65, 66, 67) 730-760 i, 730-745 d EfficientDynamics Start/Stop	AGM 592 01
7 (E68) 730-760 i, 730-745 d EfficientDynamics Start/Stop	AGM 592 01
7 (F01, F02, F03, F04) 730 d EfficientDynamics Start/Stop	AGM 592 01
8 (E31) 840-850	P72 09
i3 (125 kW, +25 kW Range Extender)	
Mini One, Cabriolet, Cooper, Convertible, S	PRO P63 40
Mini One, Cabriolet, Cooper D	PRO P77 40
Mini One, Clubman, Countryman, Cooper, S 1,6; 1,6 D Start/Stop	AGM 570 01
X1 (E84) sDrive/xDrive 18-28i EfficientDynamics Start/Stop**	AGM 570 01
X1 (E84) sDrive/xDrive 18-23d EfficientDynamics Start/Stop	AGM 580 01
X2 (F39) 18-20 i EfficientDynamics Start/Stop**	AGM 570 01
X2 (F39) 18-25 d EfficientDynamics Start/Stop**	AGM 580 01
X3 (E83) 2,0	PRO P77 40
X3 (E83) sDrive/xDrive 20-30 i EfficientDynamics Start/Stop	AGM 570 01
X3 (E83) 2,5-3,0	PRO P100 40
X3 (E83) 2,0-3,0 d, sd	PRO P100 40
X3 (E83) xDrive 18-20 d EfficientDynamics Start/Stop	AGM 580 01
X3 (E83) xDrive 30-35 d EfficientDynamics Start/Stop	AGM 592 01
X3 (F25) 35 i, 20 d EfficientDynamics Start/Stop	AGM 592 01
X4 (F26) 20-40 i EfficientDynamics Start/Stop**	AGM 580 01
X4 (F26) 20-35 d EfficientDynamics Start/Stop	AGM 592 01
X5 (E53, 70) 3,0-4,8 i, is	PRO P100 40
X5 (E53, 70) 3,0 d	PRO P100 40
X5 (E70) 3,0-4,8 i, is EfficientDynamics Start/Stop	AGM 592 01
X5 (E70) 3,0 d; xDrive 30d EfficientDynamics Start/Stop	AGM 592 01
X6 (E71) 3,5-5,0 i	PRO P100 40
X6 (E71) 3,0-3,5 d	PRO P100 40
X6 (E71) 3,5-5,0 i EfficientDynamics Start/Stop	AGM 592 01
X6 (E71) 3,0-3,5 d EfficientDynamics Start/Stop	AGM 592 01
X7 4,4 V8 EfficientDynamics Start/Stop	AGM 592 01
X7 6,6 V12 EfficientDynamics Start/Stop	AGM 605 01
X7 3,0 d EfficientDynamics Start/Stop	AGM 592 01
Z3 (E36) 1,8-3,0; M 3,2; Coupe	PRO P77 40

Z4 (E85, 86) 2,0-3,2; M	PRO P77 40
Z4 (E85, 86) 2,0-3,2; M EfficientDynamics Start/Stop	AGM 570 01
Z4 (E89) Coupe 3,0-3,2 M	PRO P63 40
Z4 (E89) Roadster 2,0-3,2 EfficientDynamics Start/Stop	AGM 570 01
Z8 (E52) 4,9	PRO P100 40

<b>Citroen</b>	
Berlingo (MF, M_) 1,1-1,8	PRO P63 40
Berlingo (MF, M_) 1,8-1,9 D	PRO P63 40
Berlingo (MF, M_) 1,8-1,9 D; 1,6-2,0 HDi	PRO P77 40
Berlingo 1,6 e-HDi 90 Start/Stop	AGM 570 01
C1 (PM, PN) 1,0	PRO P50 40
C1 (PM, PN) 1,4 HDi 55	PRO P50 40
C15 (VD-) 1,1-1,4	PRO P50 40
C15 (VD-) 1,8 D	PRO P63 40
C2 (JM) 1,1-1,6	PRO P50 40
C2 (JM) 1,4-1,6 HDi 70-110	PRO P63 40
C2 (JM) 1,4; 1,4-1,6 e-HDi 70-110 Start/Stop	EFB 560 11
C25 (280, 290) 1,8-2,0	PRO P63 40
C25 (280, 290) 2,5 D, TD	PRO P100 40
C3 (FC, HB) 1,1-1,6 - Pluriel	PRO P50 40
C3 (FC, HB) 1,4-1,6 HDi - Pluriel 70-110	PRO P63 40
C3 (FC, HB) 1,4 16V Start/Stop	EFB 560 11
C3 Picasso 1,4; 1,6 HDi	PRO P63 40
C3 II 1,4 VTi	PRO P50 40
C4 (LC, LA, DU, UA) 1,4-1,6 - Coupe, Grand, -Picasso	PRO P50 40
C4 (LC, LA, DU, UA) 2,0 - Coupe, Grand-, Picasso	PRO P63 40
C4 (LC, LA, DU, UA) 1,6-2,0 HDi 110-135 - Coupe, Grand-, Picasso	PRO P63 40
C4 (UD) 1,6 e-HDi 110 Picasso, Grand Picasso Start/Stop	EFB 570 11
C4 (B7) 1,6-1,8 e-HDi Aircross Start/Stop	EFB 595 15
C5 (DE, RC, RE, RD, TD) 1,6-2,0	PRO P63 40
C5 (DE, RC, RE, RD, TD) 2,0-3,0	PRO P77 40
C5 (DE, RC, RE, RD, TD) 1,6-3,0 HDi 110-135	PRO P77 40
C5 (RD, TD) 1,6 e-HDi 110 Start/Stop	EFB 570 11
C6 (TD) 3,0 V6	PRO P77 40
C6 (TD) 2,2-3,0 HDi	PRO P77 40
C8 (EA, EB) 2,0-3,0	PRO P77 40
C8 (EA, EB) 2,0-2,2 HDi	PRO P77 40
C-Crosser (EP) 2,4	PRO P77 40
C-Crosser (EP) 2,2 HDi	P95 04
C-Zero (47 kW)***	P40 26
DS3 1,6 VTi; 1,6 HDi	PRO P63 40
DS3 1,4 e-HDi 70 Start/Stop	AGM 570 01
DS3 1,6 e-HDi 90 Start/Stop	EFB 570 11
DS4 1,6 e-HDi 110 Start/Stop	EFB 570 11
DS5 1,6-2,0 e-HDi Hybrid Start/Stop	AGM 570 01
Evasion (22, U6U) 1,8-2,0	PRO P63 40
Evasion (22, U6U) 1,9-2,1 TD, HDi	PRO P77 40
Jumper (230P, -L, 244) 2,0	PRO P63 40
Jumper (230P, -L, 244) 1,9-2,2 D, TDi, HDi	PRO P77 40
Jumper (230P, -L, 244) 2,5-2,8 D, TDi, HDi	PRO P100 40
Jumper (244) 2,2-3,0 D, HDi	PRO P100 40
Jumpy (U6U) 1,6-2,0	PRO P63 40
Jumpy (U6U) 1,9-2,0 D, TD, HDi	PRO P63 40
Jumpy 2,0	PRO P63 40
Jumpy 1,6-2,0 e-HDi	PRO P77 40
Nemo 1,3 HDi 75 Start/Stop	EFB 560 11
Nemo 1,4 HDi	PRO P63 40
Saxo (S0, S1) 1,5 D	PRO P63 40
Saxo (S0, S1) 1,0-1,6	PRO P50 40
Xantia (X1, X2) 1,9-2,1 D, TD, HDi	PRO P77 40
Xantia (X1, X2) 1,6-2,0	PRO P50 40
Xantia (X1, X2) 2,5-3,0 V6	PRO P63 40
XM (Y3, Y4) 1,8-2,0	PRO P63 40
XM (Y3, Y4) 3,0 V6; 2,1-2,5 D, TD	PRO P77 40
Xsara (N1, N2, N0, N68) 1,4-1,6 -Picasso	PRO P50 40
Xsara (N1, N2, N0, N68) 1,5-2,0 HDi -Picasso	PRO P63 40
Xsara (N1, N2, N0, N68) 1,8-2,0 -Picasso	PRO P63 40
ZX (N2) 1,4-2,0 i	PRO P63 40
ZX (N2) 1,8-1,9 D, TD	PRO P77 40

\* with base hold-down adapter Art.No. 305002030101

\*\* Please check the original battery, as differing battery sizes and technologies may be installed. The battery choice depends primarily upon the electrical extras. (VRLA=AGM, AFB/ECM=EFB)

\*\*\* with terminal covers thin-DIN Art.No. 1020001300+1020001400

\*\*\*\* not yet available in the Banner assortment

# POWER BULL/RUNNING BULL



Dacia	
1210-1410	PRO P50 40
Dokker 1,2-1,6	PRO P63 40
Dokker 1,2-1,6 Start/Stop	AGM 560 01
Dokker 1,5 dCi	PRO P63 40
Dokker 1,5 dCi Start/Stop	AGM 560 01
Duster 1,6	PRO P63 40
Duster 1,2-1,6 Start/Stop	AGM 560 01
Duster 1,5 dCi 85-110	PRO P63 40
Duster 1,5 dCi 85-110 Start/Stop	PRO P63 40
Lodgy 1,2-1,6	PRO P63 40
Lodgy 1,2-1,6 Start/Stop	AGM 560 01
Lodgy 1,5 dCi	PRO P63 40
Lodgy 1,5 dCi Start/Stop	AGM 560 01
Logan (LS, KS) 1,4-1,6; MCV	PRO P63 40
Logan (LS, KS) 1,5 dCi; MCV	PRO P63 40
Sandero 1,2-1,6	PRO P63 40
Sandero 1,2-1,6 Start/Stop	AGM 560 01
Sandero 1,5 dCi	PRO P63 40
Sandero 1,5 dCi Start/Stop	AGM 560 01
Solenza 1,4	PRO P50 40
Solenza 1,9 D	PRO P63 40
Fiat	
Barchetta (183)	PRO P50 40
Bravo, Brava I, II (182) 1,6-2,0 D, TD, JTD	PRO P63 40
Bravo, Brava I, II (182) 1,2-1,6	PRO P50 40
Bravo, Brava (I, II 182) 1,8-2,0	PRO P63 40
Bravo, Brava II (198) 1,4 16V Start/Stop	EFB 560 11
Cinquecento (170) 0,7-1,1	PRO P50 40
500, L 1,1-1,4, Abarth	PRO P50 40
500, L 1,3 D Multijet, JTD	PRO P50 40
500, C, L 0,9-1,4; 1,3 D Multijet Start/Stop	EFB 560 11
Coupé (FA/175) 1,8-2,0	PRO P63 40
Croma (154) 1600	PRO P50 40
Croma (154) 1900-2500 TD	PRO P77 40
Croma (154) 2000-2500 V6	PRO P63 40
Croma (194) 1,8-2,2, 1,9-2,4 D	PRO P63 40
Daily	PRO P63 40
Daily D, TD	PRO P100 40
Doblò (119, 223) 1,2-1,6	PRO P50 40
Doblò (119, 223) 1,3-1,9 D, JTD	PRO P63 40
Doblò (263) 1,4 Start/Stop	EFB 560 11
Doblò (263) 1,6 D Start/Stop	EFB 560 11
Doblò (263) 2,0 D Start/Stop	EFB 570 11
Ducato (280, 290, 230, 250, -L, 244) 1,8-2,0	PRO P77 40
Ducato (280, 290, 230, 250, -LD, TD, 244) 1,9-3,0 D, TD, JTD	PRO P100 40
Ducato Bus (250) 100-160 Natural Power 3,0	PRO P110 40
Ducato Bus (250) 100-160 Multijet Power 2,2-3,0 D	PRO P110 40
Duna 0,9-1,4	PRO P50 40
Fiorino (146 Uno) Kasten	PRO P63 40
Fiorino (146, 147) 1,0-1,6 Pick up	PRO P50 40
Fiorino (146, 147) 1,3-1,7 D, TD Pick up	PRO P77 40
Fiorino (225) 1,4; 1,3 D	PRO P50 40
Freemont 2,4, V6 Pentastar	PRO P77 40
Freemont 2,0 JTD Multijet	
Fullback (502, 503) 2,4-2,5 D	EFB 580 11
Grande Punto (199) 1,2-1,4	PRO P50 40
Grande Punto (199) 1,3-1,9 D Multijet	PRO P63 40
Grande Punto (199) 1,2-1,4 EVO Start/Stop	EFB 560 11
Grande Punto (199) 1,3-1,9 D Multijet EVO Start/Stop	EFB 560 11
Idea 1,2-1,4	PRO P50 40
Idea 1,3-1,9 JTD	PRO P63 40
Idea 1,4 16V Start/Stop	EFB 560 11
Idea 1,3 D Start/Stop	EFB 560 11
Idea 1,6 D Start/Stop	EFB 570 11
Linea (323) 1,4	PRO P63 40
Linea (323) 1,3-1,6 D Multijet	PRO P63 40
Marea (185) 1,4-1,6	PRO P50 40
Marea (185) 1,8-2,0	PRO P63 40
Marea (185) 1,9-2,4 TD, JTD	PRO P63 40
Multipia (186) 1,6	PRO P50 40
Multipia (186) 1,9 JTD, TD	PRO P63 40
Palio (178BX) 1,2-1,6	PRO P50 40

Palio (178BX) 1,7 TD	PRO P63 40
Panda I, II (141A, 169, 176) 650-1100, 1,1-1,2	
Panda II (169) 1,2-1,4	PRO P50 40
Panda I, II (141A, 169, 176) 1300 D, 1,3 JTD	PRO P50 40
Panda III 0,9-1,2	PRO P50 40
Panda II, III (169, 312) 0,9-1,2 Twinair Start/Stop	EFB 560 11
Panda II, III (169, 312) 0,9-1,3 JTD Start/Stop	EFB 560 11
Punto I, II, III, IV (176, -C, -L, 188, AX) 1,1-1,8	PRO P50 40
Punto I, II, III, IV (176, -C, -L, 188, AX) 1,3-1,9 D, JTD	PRO P63 40
Punto/Grande Punto (199) 1,2-1,4	PRO P50 40
Punto/Grande Punto (199) 1,2-1,4 Start/Stop	EFB 560 11
Punto/Grande Punto (199) 1,4 T-Jet, Abarth	PRO P63 40
Punto/Grande Punto (199) 1,3 D (51 kW)	PRO P50 40
Punto/Grande Punto (199) 1,3 D Start/Stop	EFB 560 11
Punto/Grande Punto (199) 1,3 (66 kW)-1,9 D	PRO P63 40
Punto EVO 1,2 Start/Stop	EFB 560 11
Punto EVO 1,4	PRO P63 40
Punto EVO 1,4 Start/Stop	EFB 560 11
Punto EVO 1,3 D Start/Stop	EFB 560 11
Punto EVO 1,6 D Start/Stop	EFB 570 11
Punto (199) 1,3-1,4 Start/Stop	EFB 560 11
Qubo (225) 1,4	PRO P50 40
Qubo (225) 1,3 JTD, Multijet	PRO P63 40
Qubo (225) 1,3 JTD, Multijet Start/Stop	EFB 560 11
Scudo (220P, -L, 270) 1,6-2,0	PRO P63 40
Scudo (220P, -L, 270) 1,6-2,0 D, TD, JTD	PRO P77 40
Sedici 1,6	PRO P50 40
Sedici 1,9 JTD	PRO P63 40
Seicento (187) 0,9-1,1	PRO P50 40
Stilo (192) 1,2-1,4	PRO P50 40
Stilo (192) 1,8-2,4	PRO P63 40
Stilo (192) 1,9 D, JTD	PRO P63 40
Strada (178E)	PRO P50 40
Strada (178E) D, JTD	PRO P63 40
Talento (290) 2,0	PRO P77 40
Talento (290) 1,9 D, TD	PRO P100 40
Tempra (159) 1,4-2,0	PRO P63 40
Tempra (159) 1,9 D, TD	PRO P77 40
Tipo (160) 1,1-1,6	PRO P50 40
Tipo (160) 1,7-1,9 D, TD	PRO P77 40
Tipo (160) 1,8-2,0	PRO P63 40
Ulysse (220, 179AX) 1,8-2,0 Turbo	PRO P63 40
Ulysse (220, 179AX) 1,9-2,2 TD, JTD	PRO P77 40
Uno (146A/E) 0,9-1,3	PRO P50 40
Uno (146A/E) 1,4-1,6	PRO P63 40
Uno (146A/E) 1,3-1,9 D, TD, SuperDiesel	PRO P63 40
Ford (D)	
B-Max 1,0-1,6	PRO P50 40
B-Max 1,5-1,6 TDCi	PRO P63 42
B-Max 1,0-1,6 EcoBoost Start/Stop	EFB 565 12
B-Max 1,5-1,6 TDCi EcoBoost Start/Stop	EFB 565 12
C-Max I (DAW, DBW, DFW, DNW) 1,4-1,6	PRO P63 42
C-Max I (DAW, DBW, DFW, DNW) 1,6-2,0 TD, TDCi	PRO P77 42
C-Max I (DAW, DBW, DFW, DNW) 1,8-2,0	PRO P63 42
C-Max II (DAW, DBW, DFW, DNW) 1,4-1,6 EcoBoost Start/Stop	EFB 565 12
C-Max II (DAW, DBW, DFW, DNW) 1,6-2,0 TD, TDCi EcoBoost Start/Stop	EFB 575 12
C-Max II (DAW, DBW, DFW, DNW) 1,8-2,0 EcoBoost Start/Stop	EFB 565 12
Cougar (BCV) 2,0-2,5 V6	PRO P63 42
Cougar (BCV) 25 ST 200	PRO P77 42
Escort (AVL) 1,4	PRO P63 42
Escort (AVL) 1,8 D, Turbo D	PRO P77 42
Ecosport 1,0-1,5 ECOBoost	PRO P63 42
Ecosport 1,0-1,5 ECONetic Start/Stop	EFB 565 12
Ecosport 1,5 TDCi ECONetic Start/Stop**	EFB 565 12
Fiesta I, II 1,0-1,8, XR-2 (FBD, GFJ, F3L, FVD)	
Fiesta I, II, III 1,6-1,8 D, TD (FBD, GFJ)	
Fiesta II, III, IV, V 1,6-1,8 RS Turbo	PRO P63 42
Fiesta III, IV, V 1,0-1,3 Courier (JAS, JBS, JH, JD)	PRO P50 42
Fiesta III, IV, V 1,4-1,8 Courier (JAS, JBS, JH, JD)	PRO P63 42
Fiesta III, IV, V 1,4-1,8 D, TDCi, Courier (JAS, JBS, FVD, JH, JD)	PRO P77 42
Fiesta VI 1,25-1,6	PRO P50 42
Fiesta VI 1,4-1,8 TDCi	PRO P63 42

Fiesta VI 1,25-1,6ECONetic EcoBoost Start/Stop	EFB 565 12
Fiesta VI 1,4-1,8 TDCi ECONetic EcoBoost Start/Stop	EFB 575 12
Focus I, II (DAW, DBW, DFW, DNW) 1,4-1,6	PRO P63 42
Focus I, II (DAW, DBW, DFW, DNW) 1,6-2,0 TD, TDCi	PRO P77 42
Focus I, II (DAW, DBW, DFW, DNW) 1,8-2,5 ST	PRO P63 42
Focus II (DA, DNW) 1,4-1,6 ECONetic EcoBoost Start/Stop**	EFB 560 11
Focus II (DA, DNW) 1,6-2,5 TDCi ECONetic EcoBoost Start/Stop**	EFB 570 11
Focus III 1,6 EcoBoost Start/Stop	EFB 565 12
Focus III 1,6 TDCi EcoBoost Start/Stop	EFB 575 12
Fusion (JU) 1,25-1,4	PRO P50 42
Fusion (JU) 1,6	PRO P63 42
Fusion (JU) 1,4-1,6 TDCi	PRO P77 42
Galaxy (WGR, VX, VY) 1,9-2,0 TDi, TDCi	PRO P100 40
Galaxy (WGR, VX, VY) 2,0-2,3	PRO P77 40
Galaxy (WGR, VX, VY) 2,8 V6	PRO P100 40
Galaxy 2,0-2,3	PRO P63 42
Galaxy 1,8-2,2 TDCi	P80 14
Galaxy 1,6; 1,6 TDCi EcoBoost Start/Stop	EFB 575 12
Grand C-Max 1,6 EcoBoost Start/Stop	EFB 565 12
Ka (RB) 1,0-1,6; Street Ka, Sport Ka	PRO P50 42
Ka 1,2; 1,3 TDCi Street Ka, Sport Ka	PRO P63 40
Ka 1,2; 1,3 TDCi Street Ka, Sport Ka EcoBoost Start/Stop	EFB 565 12
Kuga 2,5 Turbo	PRO P63 42
Kuga 2,0 TDCi	PRO P77 42
Maverick (UDS, UNS) 2,4-2,7 TD	P70 24
Maverick 2,0-3,0	PRO P63 42
Mondeo I, II, III, IV (GBP, BNP, BAP, BFP, BNP, B5Y, B4Y, BWY) 1,6-2,0	PRO P63 42
Mondeo I, II, III, IV (GBP, BNP, BAP, BFP, BNP, B5Y, B4Y, BWY) 1,8-2,0 TD, TDCi	PRO P77 42
Mondeo I, II, III, IV (GBP, BNP, BAP, BFP, BNP, B5Y, B4Y, BWY) 2,2 TD, TDCi	P80 14
Mondeo I, II, III, IV (GBP, BNP, BAP, BFP, BNP, B5Y, B4Y, BWY) 2,3-2,5 V6	PRO P77 42
Mondeo III, IV (B5Y, B4Y, BWY) 3,0 V6, ST220	PRO P77 42
Mondeo IV 1,6 EcoBoost Start/Stop	EFB 565 12
Mondeo IV 1,6 TDCi EcoBoost Start/Stop	EFB 575 12
Puma (EC_) 1,4-1,7	PRO P63 42
Puma (EC_) ST 160	PRO P63 42
Ranger (TU) 2,6-4,0; 2,5-3,0 D, TD, TDCi	P95 05
Scorpio I, II (GAE, GGE, GFR, GGR, GNR) 2,3-2,9; 2,5 D, TD	PRO P63 42
Scorpio I, II (GAE, GGE, GFR, GGR, GNR) 1,8-2,0	PRO P77 42
S-Max 2,0-2,5 20V	PRO P63 42
S-Max 1,8-2,2 TDCi	P80 14
S-Max 2,0-2,5 20V EcoBoost Start/Stop	EFB 565 12
S-Max 1,8-2,2 TDCi EcoBoost Start/Stop	EFB 575 12
Tourneo Connect 1,8	PRO P63 42
Tourneo Connect 1,8-3,2 TDCi	P80 14
Transit (V, T, E) 1,3-2,0	PRO P63 42
Transit (V, T, E) 1,6-2,3	PRO P63 42
Transit (V, T, E) 2,0-2,5 Di, TDE	PRO P77 42
Transit (FD, FB, FS, FZ, FC, FA, FM, FN) 2,3	PRO P63 42
Transit (FD, FB, FS, FZ, FC, FA, FM, FN) 1,8-2,4 Di, TDE, TDI, TDCi	P80 14
Transit Connect 1,8	PRO P63 42
Transit Connect 1,8 Di, TDCi	P80 14
Transit Nugget 1,8-2,4 TDCi	PRO P77 42
Transit, -Nugget 1,8-2,4 TDCi EcoBoost Start/Stop	AGM 592 01
Hyundai	
Accent (X-3) 1,3-1,5	
Accent (LC) 1,3-1,6	PRO P50 40
Accent (LC) 1,5 CRDi	
Accent (MC) 1,4-1,6	PRO P50 40
Accent (MC) 1,5 CRDi	P60 62
Atos 1,0 GLS (MX)	P40 25
Atos Prime 1,0-1,1 GLS (MX)	P40 26
Coupé (RD, GK) 1,6-2,7	P70 29
Elantra (J-3, XD) 1,6-2,0	PRO P63 40
Elantra (J-3, XD) 2,0 CRDi	P70 29
Galloper I, II (JK-01) 3,0 V6	P70 24
Galloper I, II (JK-01) 2,5-3,0 T TCI V6	P95 05

\* with base hold-down adapter Art.No. 305002030101

\*\* Please check the original battery, as differing battery sizes and technologies may be installed. The battery choice depends primarily upon the electrical extras. (VRLA=AGM, AFB/ECM=EFB)

\*\*\* with terminal covers thin-DIN Art.No. 1020001300+1020001400

\*\*\*\* not yet available in the Banner assortment





# POWER BULL/RUNNING BULL

Genesis 2,0 CVVT; 3,8 V6	P60 62
Getz (TB) 1,1-1,6	PRO P50 40
Getz (TB) 1,5 CRDi	P70 29
Grace 2,5-2,6 D, TD	P95 04
Grandeur 2,7-3,8 V6; 2,2 CRDi	P95 05
H-1 Bus (KMF) 2,4	
H-1 Bus (KMF) 2,5-2,6 D, TD, CRDi	P95 04
H-1 Box 2,4	
H-1 Box 2,5 TD, CRDi	P95 04
H-1 Flatbed/Chassis 2,5 CRDi	
H-1 Cargo 2,5 CRDi	
H-1 Travel 2,5 CRDi	P95 04
H 100 (P)	P60 69
H 100 2,5 D, TD	P95 05
H 150, H 350	P95 05
Highway Van 2,0	P60 09
Ioniq (AE) 1,6 + 32-45 kW GDI Hybrid	P40 25
Ioniq (AE) Electric 88 kW	P40 25
i10 1,1-1,2	P40 25
i10 1,1 CRDi	P60 62
i20 (PB, PBT) 1,2-1,6	PRO P50 40
i20 (PB, PBT) 1,2-1,6 (TR Assembly)	P60 62
i20 (PB, PBT) 1,4-1,6 CRDi	P60 62
i30, CW (FD) 1,4-2,0	P60 62
i30, CW (FD) 1,6-2,0 CRDi	P70 29
i30, CW (FD) 1,4-2,0 ISG blue Start/Stop	AGM 560 01
i30, CW (FD) 1,6-2,0 CRDi ISG blue Start/Stop	AGM 570 01
i40 1,6-2,0	P60 09
i40 1,7 CRDi	P70 29
i40 1,6-2,0 blue Start/Stop	AGM 560 01
i40 1,7 CRDi blue Start/Stop	AGM 570 01
iX20 1,4-1,6 CVVT	PRO P50 40
iX20 1,4-1,6 CRDi	P60 62
iX20 1,4-1,6 CVVT blue Start/Stop	AGM 560 01
iX20 1,4-1,6 CRDi blue Start/Stop	AGM 560 01
iX35 FCEV Electric 100 kW	P40 25
iX35 1,6-2,0	P60 62
iX35 1,7-2,0 CRDi	PRO P77 40
iX35 2,0 CRDi	P95 05
iX35 1,6-2,4 blue Start/Stop	AGM 560 01
iX35 1,7-2,2 CRDi blue Start/Stop	AGM 570 01
iX55 3,0 V6 CRDi	P95 05
iX55 3,8; 3,0 V6 CRDi	P95 04
Kona 1,0 T-GDI Start/Stop	AGM 560 01
Kona 1,6 T-GDI Start/Stop	AGM 560 01
Kona 1,0 CRDi Start/Stop	AGM 560 01
Kona Electric 99-150 kW	P40 25
L 100, -D	P95 04
Lantra I (J-1) 1,5-1,6	
Lantra I (J-1) 1,8	P60 69
Lantra II (J-2) 1,5-1,6	
Lantra II (J-2) 1,8-2,0	P60 68
Lantra II (J-2) 1,9 D	P60 62
Matrix (FC) 1,6-1,8	PRO P63 40
Matrix (FC) 1,5 CRDi	P70 29
Nexo Electric 120 kW	P40 25
Rodius CRDi	P70 29
Santa Fe (SM, CM) 2,0-2,4	P60 68
Santa Fe (SM, CM) 2,0-2,2 CRDi	P95 04
Santa Fe (SM, CM) 2,7 V6	P70 29
Santamo 2,0 GLX 3x3	P70 24
S-Coupé (SLC) 1,5	P45 24
Sonata II (Y-3) 1,8-2,0	
Sonata II (Y-3) 3,0 V6 (107kW)	P70 24
Sonata III (EF) 2,0	PRO P63 40
Sonata III (EF) 2,4-2,5	PRO P77 40
Sonata IV (EU4) 2,0-2,7	PRO P63 40
Sonata IV (EU4) 2,0-2,2 CRDi	P70 29
Sonata V (NF) 2,0-3,3	P70 29
Sonata V (NF) 2,0-2,2 CRDi	P95 04
Starex 2200-2300 HSV, SVX	P70 24
Starex (H1) 2,5 TD, CRDi	P95 04
Terracan (HP) 2,5 TD; 2,9 CRDi; 3,5 V6	P95 04
Tiburion 1,6-2,7 16 V	P60 69
Trajeto (FO) 2,0	P60 62
Trajeto (FO) 2,0 CRDi; 2,7 V6	P70 29
Tucson (JM) 2,0	P60 62
Tucson (JM) 2,0 CRDi 120 PS; 2,7 V6	P70 29

Tucson (JM) 2,0 CRDi 140 PS	P95 04
Veloster 1,6 GDI	PRO P50 40
Veloster 1,6 GDI blue Start/Stop	AGM 560 01
XG 25, 350	P70 29
XG 30/300	P70 29
KIA	
Besta D	P95 04
Carens I (FC) 1,8-2,0	PRO P63 40
Carens I (FC) 2,0 CRDi FL	P70 29
Carens II (FJ) 1,6	P60 62
Carens II (FJ) 2,0	P70 29
Carens II (FJ) 1,6 CRDi	P70 29
Carens II (FJ) 2,0-2,9 CRDi	P95 04
Carens III (JUN) 2,0	PRO P63 40
Carens III (JUN) 2,0 CRDi	P70 29
Carnival I, II (UP, GQ) 2,4-3,5 V6	P60 68
Carnival I, II (UP, GQ) 2,9 TD; CRDi	P95 04
Carnival III (VQ) 2,4-3,5 V6	PRO P77 40
Carnival III (VQ) 3,8; 2,2-2,9 CRDi	P95 04
cee'd, pro cee'd (ED) 1,4-2,0	P60 62
cee'd, pro cee'd (ED) 1,6-2,0 CRDi	P70 29
cee'd, pro cee'd (ED) 1,4-2,0 ISG Start/Stop	AGM 560 01
cee'd, pro cee'd (ED) 1,6-2,0 CRDi ISG Start/Stop	AGM 570 01
Cerato (LD) 1,5-2,0 CRDi	P70 29
Cerato (LD) 1,6-2,0	PRO P63 40
Clarus (K9A, GC) 1,8-2,0 16V	PRO P63 40
Joice 2,0	P70 24
K2500, -FL, K2700	PRO P77 40
K2500, -FL, K2700 TCI, LSD	P95 04
Magentis (GD) 2,0; -FL	PRO P63 40
Magentis (GD, MG) 2,0 CRDi	P95 04
Magentis 2,0 CRDi	P70 29
Magentis (GD, MG) 2,5-2,7 V6, FL	P70 29
Magentis (MG) 2,0	P60 62
Opirus I (GH) 3,5 V6	P70 29
Opirus II (GH) 2,7-3,8	P95 04
Optima 2,0-2,4 ISG Start/Stop	AGM 560 01
Optima 1,7 CRDi ISG Start/Stop	AGM 570 01
Picanto (BA, TA) 1,0-1,1	P40 25
Picanto (BA, TA) 1,1 CRDi	P60 62
Picanto (TA) 1,1 CRDi	P70 29
Picanto (TA) 1,0-1,2 ISG Start/Stop	AGM 560 01
Picanto (TA) 1,1 CRDi ISG Start/Stop	AGM 570 01
Pregio	PRO P77 40
Pregio D, TCI	P95 04
Pride (DA), -Wagon 1,1-1,6	P60 68
Pride (DA), -Wagon 1,5 CRDi	P70 29
Retona (CE) 2,0	P60 68
Retona (CE) 2,0 TD	P95 04
Rio I (DC) 1,3-1,5	P60 68
Rio II, III (DC, JB) 1,4 - 1,6	P60 62
Rio II, III (DC, JB) 1,5 CRDi	P70 29
Rio III (JB) 1,1 - 1,6 ISG Start/Stop	AGM 560 01
Rio III 1,1-1,5 (JB) CRDi ISG Start/Stop	AGM 570 01
Roadster	PRO P63 40
Sedona	P60 68
Sedona D	P95 04
Shuma I, II (FB) 1,5-1,8	PRO P63 40
Shuma I, II (FB) TD	PRO P63 40
Sorento (JC) 2,4-3,5 V6	P70 24
Sorento (JC) 2,2-2,5 CRDi	P95 05
Sorento (XM) 2,4-3,5 V6	P70 24
Sorento (XM) 2,0-2,5 CRDi	P95 05
Soul 1,6 CCVT	P60 62
Soul 1,6 CRDi	P70 29
Soul 1,6 ISG Start/Stop	AGM 560 01
Soul 1,6 CRDi ISG Start/Stop	AGM 570 01
Sportage I (K00) 2,0 i 4WD; 16V 4WD	
Sportage I (K00) 2,0 TD 4WD	P70 29
Sportage I (K00) 2,2 D 4x4	PRO P63 40
Sportage II (JE) 2,0	P60 62
Sportage II (JE) 2,0 TD, CRDi	P95 04
Sportage II (JE) 2,7 V6	P70 29
Sportage II (MM0) 2,0 i 16V; Fresh	
Sportage III (SL) 1,6-2,0 ISG Start/Stop	AGM 560 01
Sportage III (SL) 1,7-2,0 ISG CRDi Start/Stop	AGM 570 01
Stonic 1,0 T-GDI Start/Stop	AGM 560 01

Stonic 1,6 T-GDI Start/Stop	AGM 560 01
Stonic 1,0 CRDi Start/Stop	AGM 560 01
Venga 1,4-1,6	PRO P63 40
Venga 1,4-1,6 CRDi	PRO P77 40
Venga 1,4-1,6 CVT ISG Start/Stop	AGM 560 01
Venga 1,4-1,6 CRDi ISG Start/Stop	AGM 570 01
Mercedes-Benz	
A-Class (W168, 169) 140-200	PRO P63 40
A-Class (W168, 169) 160-200 CDI	PRO P77 40
A-Class (W169) 140-200 Start/Stop**	AGM 560 01
A-Class (W169) 160-200 CDI Start/Stop	AGM 570 01
A-Class (W176) 180-250, 180-220 CDI Start/Stop	AGM 570 01
B-Class (W245) 150-200	PRO P63 40
B-Class (W245) 180-200 CDI	PRO P77 40
B-Class (W245) 150-200 Start/Stop	AGM 570 01
B-Class (W245) 180-200 CDI Start/Stop	AGM 570 01
B-Class (W246) 180-200 Start/Stop**	AGM 580 01
B-Class (W246) 180-200 CDI Start/Stop	AGM 580 01
C-Class (W202) 180-240	PRO P77 40
C-Class (W202) 280	PRO P77 40
C-Class (W202) 200-250 D, CDI, Turbo-D, 36-43 AMG	PRO P100 40
C-Class Kombi (S202) 180-240	PRO P77 40
C-Class Kombi (S202) 280	PRO P77 40
C-Class Kombi (S202) 200-250 D, CDI, Turbo-D, 43 AMG	PRO P100 40
C-Class (W203) 180-240	PRO P77 40
C-Class (W203) 280-350	PRO P77 40
C-Class (W203) 200-320 CDI, C 32-55 AMG	PRO P100 40
C-Class T-Model (S203) 180-240	PRO P77 40
C-Class T-Model (S203) 280-350	PRO P77 40
C-Class T-Model (S203) 200-320 CDI, C 32-55 AMG, 30 CDI AMG	PRO P100 40
C-Class Coupe (CL203) 160-230	PRO P77 40
C-Class Coupe (CL203) 320	PRO P77 40
C-Class Coupe (CL203) 200-220 CDI, C 32 AMG, 30 CDI AMG	PRO P100 40
C-Class Coupe (CL203) 160-200 Start/Stop	AGM 570 01
C-Class Coupe (CL203) 230-350, 200-220 CDI Start/Stop	AGM 592 01
C-Class Coupe (C204) 180-350, 220-250 CDI Start/Stop	AGM 580 01
C-Class (W204) 180	PRO P77 40
C-Class (W204) 200-350	PRO P100 40
C-Class (W204) 200-350 CDI	PRO P100 40
C-Class (W204) 180 Start/Stop	AGM 570 01
C-Class (W204) 200-350 Start/Stop**	AGM 580 01
C-Class (W204) 200-350 CDI Start/Stop**	AGM 580 01
C-Class T-Model (S204) 180-240	PRO P77 40
C-Class T-Model (S204) 280-350	PRO P100 40
C-Class T-Model (S204) 200-320 CDI, C 32-55 AMG, 30 CDI AMG	PRO P100 40
C-Class T-Model (S204) 180-240 Start/Stop	AGM 570 01
C-Class T-Model (S204) 280-350 Start/Stop**	AGM 570 01
C-Class T-Model (S204) 200-320 CDI, C 32-55 AMG, 30 CDI AMG Start/Stop**	AGM 580 01
Citan (W415) 112 Start/Stop	AGM 560 01
Citan (W415) 108-111 CDI Start/Stop	AGM 570 01
CLA-Class 160-250 Start/Stop	AGM 560 01
CLA-Class 220 CDI Start/Stop	AGM 570 01
CLC-Class (CL 203) 180-200 Kompressor	PRO P77 40
CLC-Class (CL 203) 230-350	PRO P100 40
CLC-Class (CL 203) 200-220 CDI	PRO P100 40
CLC-Class (CL 203) 160 Start/Stop	AGM 570 01
CLK (C208) 200-230	PRO P77 40
CLK (C208) 320, 430, 55 AMG	PRO P100 40
CLK Cabrio (A208) 200-230	PRO P77 40
CLK Cabrio (A208) 320, 430, 55 AMG	PRO P100 40
CLK (C209) 200-240	PRO P63 40
CLK (C209) 280, 320, 350, 500	PRO P77 40
CLK (C209) 220 CDI, 270 CDI, 320 CDI, 55-63 AMG	PRO P100 40
CLK Cabrio (A209) 200-240	PRO P63 40
CLK Cabrio (A209) 280-500	PRO P77 40
CLK Cabrio (A209) 320 CDI, 55-63 AMG	PRO P100 40
CLS (C218) 350, 250 CDI Start/Stop	AGM 580 01
CLS (C218) 500, 350 CDI Start/Stop	AGM 592 01

\* with base hold-down adapter Art.No. 305002030101

\*\* Please check the original battery, as differing battery sizes and technologies may be installed. The battery choice depends primarily upon the electrical extras. (VRLA=AGM, AFB/ECM=EFB)

\*\*\* with terminal covers thin-DIN Art.No. 1020001300+1020001400

\*\*\*\* not yet available in the Banner assortment



# POWER BULL/RUNNING BULL

CLS (C219) 280-500, 55-63 AMG, 320-350 CDI Start/Stop	AGM 592 01
E-Class (W123, 124) 200-280	PRO P63 40
E-Class (W123, 124) 250 D, TD; 36 AMG, 300 D, TD; 60 AMG	PRO P100 40
E-Class (W123, 124) 280 long, 300, 320-500, 300 r-matic, 200 D	PRO P77 40
E-Class (W210) 200-240	PRO P77 40
E-Class (W210) 280-430, 50-55 AMG	PRO P100 40
E-Class (W210) 200-320 CDI	PRO P100 40
E-Class (W211) 200-500, 55-63 AMG Start/Stop	AGM 592 01
E-Class (W211) 200-420 CDI Start/Stop	AGM 592 01
E-Class (W212) 200-300, 200-250 CDI Start/Stop	AGM 580 01
E-Class (W212) 350-500, 350-500 CDI, 63 AMG Start/Stop	AGM 592 01
E-Class Cabrio (A207) 200-550, 220-350 CDI Start/Stop	AGM 580 01
E-Class Cabrio (A207) 350-500, 350 CDI Start/Stop	AGM 592 01
E-Class Coupe (C207) 200-550, 220-350 CDI Start/Stop**	AGM 580 01
E-Class Coupe (C207) 350-500, 350 CDI Start/Stop	AGM 592 01
E-Class T-Model (S123) 200-280	PRO P63 40
E-Class T-Model (S123) 300 3-matic, 36 AMG, 250-300 D, 300 TD	PRO P100 40
E-Class T-Model (S123) 320	PRO P77 40
E-Class Kombi (S210) 200-240	PRO P77 40
E-Class Kombi (S210) 280-430, 55 AMG	PRO P100 40
E-Class T-Model (S211) 200 Start/Stop	AGM 570 01
E-Class T-Model (S211) 230-500, 220-320 CDI, 55-63 AMG Start/Stop	AGM 592 01
E-Class T-Model (S212) 200-500, 200-350 CDI, 63 AMG Start/Stop**	AGM 580 01
E-Class T-Model (S212) 350-500, 350 CDI, 63 AMG Start/Stop	AGM 592 01
G-Class (W361, W461) 230-G 290 TD	PRO P100 40
G-Class (W361, W461) 250 GD	PRO P100 40
G-Class (W361, W461) 290 GD/G 290 D	PRO P100 40
G-Class (W363, W463) 230 GE, G 320	PRO P100 40
G-Class (W363, W463) 300 GE, 250-300 GD, G 320	PRO P100 40
G-Class (W363, W463) G 300 TD, 350 G TD, G 300 CDI	PRO P100 40
G-Class (W463) 230 GE, G 320, G 300 TD, 350 G TD, G 300 CDI, G 300 TD, 350 G TD, G 300 CDI	P95 04
G-Class (W363, W464) 400 CDI	PRO P100 40
G-Class (W363) G 36 AMG, G 500,-E	PRO P100 40
GL-Class (X164) 450-500, 320-420 CDI	PRO P100 40
GL-Class (X164) 450-500, 320-420 CDI BlueTEC Start/Stop	AGM 592 01
GLE (W166) 350-500, 63 AMG Start/Stop	AGM 592 01
GLE (W166) 250-450 CDI Start/Stop	AGM 592 01
GLK-Class (X204) 280-350, 200-320 CDI	PRO P100 40
GLK-Class (X204) 280-350, 200-320 CDI BlueTEC Start/Stop**	AGM 592 01
M-Class (W163) ML 350-500, 63 AMG	PRO P100 40
M-Class (W163) ML 270-420 CDI	PRO P100 40
M-Class (W164, W166) ML 350-500, 63 AMG Start/Stop	AGM 592 01
M-Class (W164, W166) ML 250-450 CDI Start/Stop	AGM 592 01
R-Class (W251, V251) 280-500, R 63 AMG Start/Stop	AGM 592 01
R-Class (W251, V251) 300-350 CDI Start/Stop	AGM 592 01
S-Class (W130) 280, 300-320SE/L, SE 320, 300 SE/L, S 500, S 600, 600 SE/L, S 300 TD, S 350 TD	PRO P100 40
S-Class (W220) 280, 320, 430, 500, 600, 55-63 AMG	PRO P100 40
S-Class (W220) 320 CDI, 400 CDI	PRO P100 40
S-Class (W220) 350, 4-matic, 430 4matic, 500 4matic, 600, 55-65 AMG Start/Stop	AGM 592 01
S-Class (W220) 320 CDI, 400 CDI Start/Stop	AGM 592 01
S-Class (W221) 350-600, 63-65 AMG Start/Stop	AGM 592 01
S-Class (W221) 320 CDI, 420 CDI Start/Stop	AGM 592 01
S-Class Coupe (C130, 140) SEC/CL 320-600	PRO P100 40
S-Class Coupe (C215) CL 500-600	PRO P100 40
S-Class Coupe (C216) CL 500-600	PRO P100 40
S-Class Coupe (C216) CL 500-600 Start/Stop	AGM 592 01
SL (R129) 280-600, 55 AMG	PRO P100 40
SL (R230) 280-600, 55-65 AMG Start/Stop	AGM 570 01
SL (R231) 350-500 Start/Stop	AGM 592 01
SLK (R170) 200-320, -K, 32 AMG	PRO P77 40

SLK (R171) 200-350, 55 AMG	PRO P77 40
SLK (R172) 200-350, 55 AMG Start/Stop	AGM 580 01
SLR (R199) 5,4 Start/Stop	AGM 570 01
SLR (R199) 5,4 722 Edition, Roadster Start/Stop	AGM 592 01
SLS (C197) 6,2 AMG Start/Stop	AGM 592 01
Sprinter (901, 902, 903, 903, 904, 906) 208-616 D, CDI	PRO P100 40
Sprinter (901, 902, 903, 903, 904, 906) 213-424	PRO P100 40
Sprinter (904, 906) 213-424; 208-616 D, CDI Start/Stop	AGM 592 01
T1, T2 (601, 602) 207- 815 D	PRO P100 40
T1, T2 (601, 602) 208, 210, 510	PRO P100 40
T2 Vario 512 - 818 D	PRO P100 40
Vaneo (313, 414) 1,6-1,9	PRO P63 40
Vaneo (313, 414) 1,7 CDI	PRO P77 40
V-Class (638/2) 200-280	PRO P100 40
V-Class (638/2) 200-220 CDI, 230 TD	PRO P100 40
V-Class (638/2) 200-220 CDI, 230 TD Start/Stop	AGM 592 01
Viano (W639) 3,0-3,7	PRO P77 40
Viano (W639) 2,0-3,0 CDI (110 kW)	PRO P100 40
Viano (W639) 3,0-3,7 Start/Stop	AGM 570 01
Viano (W639) 2,0-3,0 CDI (110 kW) Start/Stop	AGM 592 01
Vito (638, 639) 113-126	PRO P77 40
Vito (638, 639) 108-120 CDI	PRO P100 40
Vito (638, 639) 113-126 Start/Stop	AGM 570 01
Vito (638, 639) 108-120 CDI Start/Stop	AGM 592 01
X-Class (470) 220-350 d 4-matic Start/Stop	AGM 592 01

## Nissan

200 SX (S14) 2,0-2,4	P60 69
300 ZX (Z31, Z32)	P60 68
350 Z (Z33) 3,5 - Roadster	P60 68
370 Z (Z34) 3,7 V6 - Roadster	P60 68
Almera I (N15) 1,4-1,6	P60 68
Almera I (N15) 2,0 D	P95 04
Almera II (N16) 1,5-1,8	P60 09
Almera II (N16) 1,5-2,2 dCi, Di	P72 09
Almera Tino II (V10) 1,8-2,0	P60 09
Almera Tino II (V10) 2,2 Di, dCi	P72 09
Atleon 110.56, 130.70, 130.75, 165.75	P60 68
Atleon 120.35 TD, 120.56 3x2	P95 05
Cube (Z12) 1,6-1,8	P60 68
Cube (Z12) 1,5 dCi	P70 29
Evalia 1,6 DIG	PRO P50 40
Evalia 1,5 dCi	PRO P63 40
Interstar (X70) dCi 80-150	PRO P100 40
Interstar (X70) Flatbed, Chassis dCi 100-140	PRO P77 40
Juke 1,6 DIG Turbo	P60 68
Juke 1,5 dCi	PRO P63 40
Kubistar (X76) 1,2-1,6	P44 09
Kubistar (X76) 1,5 dCi	PRO P77 40
L-Serie, M-Serie	P95 05
Maxima I, II (J30, A32) 3,0i; 2,0-3,0 QX	P70 29
Maxima QX (A33) 2,0-3,5	PRO P77 40
Micra II (K11) 1,0-1,4	P45 23
Micra II (K11) 1,5 D	P60 09
Micra III (K12) 1,0-1,6	P44 09
Micra III (K12) 1,5 dCi	P60 09
Micra C+C III (K12) 1,4-1,6	P60 09
Micra IV (K13) 1,2	P40 25
Micra IV (K13) 1,2 DIG-S Start/Stop	EFB 560 11
Murano (Z50, Z51) 3,5 V6	P60 68
Murano (Z50, Z51) 2,0 dCi	P70 29
Navara (D22) 2,4	P70 29
Navara (D22) 3,0	PRO P77 40
Navara (D40) 2,5 dCi	PRO P77 40
Navara (D40) 2,8 D	P70 29
Note (E11) 1,4-1,6	P44 09
Note (E11) 1,5 dCi	P60 09
e-NV Electric 200	P45 23
e-NV Electric 200 (Spain Assembly)	PRO P50 40
NV 200 1,6 DIG	PRO P50 40
NV 200 1,5 dCi	PRO P63 40
NV 400 2,3 dCi	PRO P100 40
Pathfinder (R50) 2,4-3,5 V6	P70 24
Pathfinder (R50) 2,7-3,2 TD	P95 05
Pathfinder (R51) 4,0	PRO P77 40

Pathfinder (R51) 4,0 4WD	PRO P63 40
Pathfinder (R51) 2,5 dCi	PRO P77 40
Patrol (W260) 2,8 TD-3,2 D	P95 04
Patrol (K260) 2,8-3,0; 2,8-3,2 D, TD	P95 04
Patrol GR I (Y60) 2,8 TD-4,2 D	P95 04
Patrol GR I (Y60) 4,2 KAT	P70 29
Patrol GR II (Y61) 2,8 TD-4,2 TD	P95 04
Patrol GR II (Y61) 4,5-4,8	P95 04
Pick Up (D21)	P70 24
Pick Up (D21) 2,5-2,7 D	P95 05
Pick Up (D22) 2,4i; 2,5-3,2 D	P95 05
Pick Up (D22) 2,5 TD 4WD	P70 24
Pixo (UA0) 1,0-1,1	P40 25
Primastar (X83) 2,0 dCi 80-150	PRO P84 40
Primera (P10, W10) 1,6-2,0	PRO P63 40
Primera (P10, W10) 2,0 D	PRO P77 40
Primera (P11, WP11) 1,6-2,5	PRO P63 40
Primera (P11, WP11) 2,0 TD	PRO P77 40
Primera (P12, WP12) 1,6-2,5	PRO P63 40
Primera (P12, WP12) 1,9-2,2 dCi, Di	PRO P77 40
Pulsar 1,2-1,6 DIG-T Start/Stop**	AGM 560 01
Pulsar 1,5 dCi Start/Stop**	AGM 570 01
Qashqai (J10, J110) 1,6 (84 kW)	P60 68
Qashqai (J10, J110) 1,6 (86 kW)	PRO P50 40
Qashqai (J10, J110) 2,0	PRO P63 40
Qashqai (J10, J110) 1,5-2,0 dCi	PRO P77 40
Qashqai (J10, J110) 1,6-2,0; 1,5-2,0 dCi Start/Stop**	EFB 570 15
Sunny III (N13, Y10) 1,6, -Traveller	P60 68
Sunny III (N13/Y10) 2,0 D	P95 04
Terrano I (WD21) 2,4	P60 68
Terrano I (WD21) 3,0	P95 05
Terrano I (WD21) 2,7 TD	P70 29
Terrano II (R20) 2,4	
Terrano II (R20) 2,7 TD, TDi, Di-4WD	P95 05
Terrano II (R20) 3,0 Di 4WD	PRO P63 40
Tiida (C11X, SXC11X) 1,6-1,8	PRO P63 40
Tiida (C1X, SC11X) 1,5 dCi	PRO P63 40
X-Trail (T30) 2,0-2,5 (121kW)	P60 68
X-Trail (T30) 2,0-2,5 (132kW) 4x4	PRO P77 40
X-Trail (T30) 2,2 Di, dCi FWD, 4x4	P70 29
X-Trail (T31) 2,0-2,5 FWD	P60 68
X-Trail (T31) 2,0 dCi	P70 29

## Opel

Adam 1,0-1,4	P44 09
Adam 1,0-1,4 Start/Stop	AGM 560 01
Agila (H00, H08) 1,0-1,2	P44 09
Agila (H00, H08) 1,3 CDTI	P60 09
Agila (H08) 1,0-1,2 ecoFLEX Start/Stop	EFB 560 11
Agila (H08) 1,3 CDTI ecoFLEX Start/Stop	EFB 560 11
Antara 2,4 R4	P60 69
Antara 3,2 V6	P70 24
Antara 2,0 CDTI	P95 05
Arena (THB, TB, TF)	PRO P63 40
Arena (THB, TB, TF) 1,9 D	PRO P77 40
Arena (THB, TB, TF) 2,5 D	PRO P100 40
Astra F, G, H 1-2,1,4	P44 09
Astra F, G, H 1,6-2,0	P60 09
Astra F, G, H 2,2	P72 09
Astra F, G, H 1,7-2,2 D, TD, DTI, CDTI	P72 09
Astra J 1,3-1,6 ecoFLEX	P60 09
Astra J 1,3-2,0 CDTI ecoFLEX	P72 09
Astra J GTC 1,4 ecoFLEX Start/Stop	AGM 560 01
Astra J GTC 1,3 CDTI ecoFLEX Start/Stop	AGM 570 01
Astra J GTC 1,7 CDTI ecoFLEX Start/Stop	AGM 580 01
Calibra A 2,0 i5	P44 09
Calibra A 2,0 i 16V, -Turbo, 3x3, 2,5 i	P60 09
Campo (TF) 2,3	P60 69
Campo (TF) 2,5 D; 3,1 TD, DTI	P95 05
Cascada 1,4-2,0	P60 09
Cascada 2,0 BiTurbo CDTI	P72 09
Cascada 2,0 BiTurbo CDTI Ecoflex Start/Stop**	AGM 570 01
Combo (71) 1,2-1,7	P60 09
Combo (71) 1,3 Di, DTI, CDTI	P60 09
Combo (71) 1,7 Di, DTI, CDTI	P72 09
Corsa A, B, C (73-79, F35, F08-68) 1,5 D, TD, Di, DTI, CDTI	P60 09
Corsa A, B, C (73-79, F35, F08-68) 1,0-1,8	P60 09

\* with base hold-down adapter Art.No. 305002030101

\*\* Please check the original battery, as differing battery sizes and technologies may be installed. The battery choice depends primarily upon the electrical extras. (VRLA=AGM, AFB/ECM=EFB)

\*\*\* with terminal covers thin-DIN Art.No. 1020001300+1020001400

\*\*\*\* not yet available in the Banner assortment

## POWER BULL/RUNNING BULL



Corsa D 1,0	PRO P50 40
Corsa D 1,2-1,6	PRO P63 40
Corsa D 1,3-1,7 CDTI	PRO P77 40
Corsa D 1,0 ecoFLEX	PRO P50 40
Corsa D 1,2-1,6 ecoFLEX	PRO P63 40
Corsa D 1,3-1,7 CDTI ecoFLEX	PRO P77 40
Corsa D 1,3-1,7 CDTI ecoFLEX Start/Stop	AGM 570 01
Frontera A (5MWL4) 2,0-2,4	PRO P63 40
Frontera A (5MWL4) 2,3-2,8 TD, TDS	PRO P77 40
Frontera B (6B) 2,2-3,2	PRO P77 40
Frontera B (6B) 2,2 DTI	PRO P100 40
GT Cabrio 2,0	P72 09
Insignia 1,6-1,8	P60 09
Insignia 2,0	P72 09
Insignia 2,8 V6	P80 14
Insignia 2,0 CDTI, Biturbo**	P88 20
Insignia 2,0 CDTI, Biturbo**	PRO P100 40
Insignia 1,6-1,8 ecoFLEX	P60 09
Insignia 2,0 ecoFLEX	P72 09
Insignia 2,8 V6 ecoFLEX	P80 14
Insignia 2,0 CDTI, Biturbo ecoFLEX**	P88 20
Insignia 2,0 CDTI, Biturbo ecoFLEX**	PRO P100 40
Insignia 1,6-1,8 ecoFLEX ecoFLEX Start/Stop	AGM 560 01
Insignia 2,0-2,8 V6 ecoFLEX Start/Stop**	AGM 570 01
Insignia 2,0 CDTI, Biturbo ecoFLEX Start/Stop**	AGM 580 01
Karl 1,0 (C16)	PRO P50 40
Meriva (A, B) 1,4-1,8 16V	P60 09
Meriva (A, B) 1,3-1,7 CDTI	P72 09
Meriva (A, B) 1,4-1,8 16V ecoFLEX	P60 09
Meriva (A, B) 1,3-1,7 CDTI ecoFLEX	P72 09
Mokka 1,4-1,6 ecoFLEX Start/Stop	AGM 570 01
Mokka 1,7 CDTI ecoFLEX Start/Stop	AGM 580 01
Monterey A, B (UBS) 3,2-3,5; 3,0-3,1 D, DTI	P70 29
Movano (J9, F9, H9)	P88 20
Movano (J9, F9, H9) 1,9-2,8 DTI; CDTI	PRO P100 40
Omega B 2,0-3,2 V6	P72 09
Omega B 2,0-2,5 DTI, TD	P80 14
Roadster GT	P60 09
Signum 1,8	P60 09
Signum 2,0-3,2 V6	P72 09
Signum 1,9-2,2 CDTI, DTI	P72 09
Signum 3,0 V6 CDTI	P88 20
Sintra 2,2 DTI	P72 09
Sintra 2,2-3,0	P60 09
Speedster 2,0-2,2	P60 09
Tigra (95_) 1,4-1,6	P60 09
Tigra Twin Top 1,4-1,8	P60 09
Tigra Twin Top 1,3 CDTI	P72 09
Vectra A, B 1,4-1,8	P60 09
Vectra A, B 2,0-2,6	P60 09
Vectra A, B 1,7-2,2 D, DTI, CDTI	P72 09
Vectra C 1,6-1,8	P60 09
Vectra C 2,0-3,2 V6	P72 09
Vectra C 1,9-2,2 DTI, CDTI	P80 14
Vectra C 3,0 CTDI	P88 20
Vectra C 1,6-1,8 ecoFLEX	P60 09
Vectra C 2,0-3,2 V6 ecoFLEX	P72 09
Vectra C 1,9-2,2 DTI, CDTI ecoFLEX	P80 14
Vectra C 3,0 CTDI ecoFLEX	P88 20
Vivaro (J7, F7) 2,0	PRO P77 40
Vivaro (J7, F7) 1,9-2,5 Di, DTI, CDTI	PRO P100 40
Vivaro (E7) 2,0	PRO P77 40
Vivaro (E7) 1,9-2,5 CDTI	PRO P100 40
Zafira (F75, A05) 1,6-1,8	P60 09
Zafira (F75, A05) 2,0-2,2	P60 09
Zafira (F75, A05) 1,7-2,2 DTI, CDTI	P72 09
Zafira (F75, A05) 1,6-1,8 ecoFLEX	P60 09
Zafira (F75, A05) 2,0-2,2 ecoFLEX	P60 09
Zafira (F75, A05) 1,7-2,0 DTI, CDTI ecoFLEX	P72 09
Zafira (P12) 2,0 CDTI Start/Stop	AGM 580 01
Peugeot	
106 I, II (1A, 1C, 1) 1,0-1,1	PRO P50 40
106 I, II (1A, 1C, 1) 1,3-1,6	PRO P50 40
106 I, II (1A, 1C, 1) 1,2-1,5 D	PRO P63 40
107 1,0	PRO P50 40
107 1,4 HDi	PRO P50 40
1007 (KM) 1,4-1,6	PRO P50 40

1007 (KM) 1,4-1,6 HDi	PRO P63 40
1007 (KM) 1,4-1,6 e-HDi Start/Stop**	EFB 560 11
1008 1,4-1,6 Start/Stop	AGM 560 01
1008 1,4-1,6 e-HDi Start/Stop	AGM 560 01
205 I, II (731 A/C, -B, 20D, 20A/C) 0,9-1,4	PRO P50 40
205 I, II (731 A/C, -B, 20D, 20A/C) 1,5-1,9	PRO P63 40
205 I, II (731 A/C, -B, 20D, 20A/C) 1,7-1,9 D, TD	PRO P77 40
206 (2A/C, 2A/K, 2D) 1,1-1,6 CC, Saloon	PRO P50 40
206 (2A/C, 2A/K, 2D) 1,4-2,0 CC, Saloon	PRO P63 40
206 (2A/C, 2 A/K) 1,4-2,0 TD, HDi	PRO P63 40
207 (WA, WC, WD, WK) 1,1-1,6	PRO P50 40
207 (WA, WC, WD, WK) 1,9-2,0	PRO P63 40
207 (WA, WC, WD, WK) 1,6 HDi	PRO P63 40
208 1,0-1,6 (88 kw)	PRO P50 40
208 1,6 (115 kW)	PRO P63 40
208 1,4-1,6 e-HDi Start/Stop**	AGM 570 01
2008 1,2-1,6	PRO P50 40
2008 1,6 HDi	PRO P63 40
2008 1,6 e-HDi Start/Stop**	AGM 570 01
306 (7A/C, -B, -E, -D) 1,1-1,6	PRO P50 40
306 (7A/C, -B, -E, -D) 1,8-2,0	PRO P63 40
306 (7A/C, -B, -E, -D) 1,9-2,0 D, HDi	PRO P63 40
307 (3A/C, 3E, 3H, 3B) 1,4-1,6 CC	PRO P50 40
307 (3A/C, 3E, 3H, 3B) 2,0 CC	PRO P63 40
307 (3A/C, 3E, 3H, 3B) 1,4-2,0 HDi CC	PRO P77 40
308 (4A/C, SW) 1,4-2,0	PRO P63 40
308 (4A/C, SW) 1,4-2,0 HDi	PRO P77 40
308 (4A/C, SW) 1,4-1,6 e-HDi Start/Stop	EFB 570 11
3008 1.6	PRO P63 40
3008 1,6-2,0 HDi	PRO P77 40
3008 1,6-2,0 Start/Stop**	EFB 560 11
3008 1,6-2,0 e-HDi Start/Stop**	EFB 570 11
405 I, II (15B, -E, 3B, -E) 1,4-1,6	PRO P50 40
405 I, II (15B, -E, 3B, -E) 1,8-1,9 D, TD	PRO P77 40
405 I, II (15B, -E, 3B, -E) 1,8-2,0	PRO P63 40
406 (8) 1,6-2,0	PRO P63 40
406 (8) 3,0 V6, 24V	PRO P63 40
406 (8) 1,9-2,2 D, TD, HDi	PRO P77 40
407 (6 D/E/C) 1,8-3,0	PRO P63 40
407 (6 D/E/C) 1,6-2,7 HDi	PRO P77 40
4007 (GP) 2,4	PRO P77 40
4007 (GP) 2,2 HDi	P95 04
4007 (GP) 2,4 Start/Stop	EFB 570 11
4007 (GP) 2,2 e-HDi Start/Stop	EFB 595 15
4008 (GP) 1,6-1,8 e-HDi Start/Stop	AGM 570 01
508, SW 1,6	PRO P63 40
508 SW 1,6-2,2 HDi	PRO P77 40
508 SW 1,6 e-HDi Start/Stop	EFB 570 11
5008 1,6	PRO P63 40
5008 1,6-2,0 HDi	PRO P77 40
5008 1,6 Start/Stop**	EFB 560 11
5008 1,6-2,0 e-HDi Start/Stop**	EFB 570 11
605 (6B) 2,0-3,0	PRO P63 40
605 (6B) 2,1-2,5 TD	PRO P77 40
607 (9) 2,0-2,2	PRO P63 40
607 (9) 3,0	PRO P77 40
607 (9) 2,0-2,2 D, TD, HDi	PRO P77 40
607 (9) 2,7 D, TD, HDi	PRO P84 40
806 (221) 1,8-2,0	PRO P63 40
806 (221) 1,9-2,1 TD; HDi	PRO P77 40
807 (E) 2,0-3,0	PRO P63 40
807 (E) 2,0-2,2 HDi	PRO P77 40
Bipper (AA) 1,4	PRO P63 40
Bipper (AA) 1,4 HDi	PRO P63 40
Bipper Tepee (AA) 1,3-1,4 e-HDi Start/Stop	EFB 560 11
Boxer (230P, -L, 244) 2,0	PRO P77 40
Boxer (230P, -L, 244) 1,9-2,2 D, TD, HDi	PRO P77 40
Boxer (230P, -L, 244) 2,5-2,8 D, TD, HDi	PRO P100 40
Boxer 2,2-3,0 D, HDi	PRO P110 40
Expert (224, 222, 223, VF3) 1,6-2,0	PRO P63 40
Expert (224, 222, 223, VF3) 1,9-2,0 TD, HDi	PRO P77 40
iOn (47 kW)**	P40 26
Partner, Tepee (5-F) 1,1-1,8	PRO P63 40
Partner, Tepee (5-F) 1,8-2,0 D, HDi	PRO P77 40
Partner, Tepee (5-F) 1,8-2,0 D, e-HDi Start/Stop	EFB 570 11
RCZ 1,6 THP	PRO P63 40
RCZ 2,0 HDi	PRO P77 40
RCZ 1,6 THP Start/Stop	EFB 560 11

RCZ 2,0 e-HDi Start/Stop	EFB 570 11
Renault	
Alaskan (U3MB) 2,3 dCi 160-190 Start/Stop	AGM 592 01
Avantime (DE0) 2,0-3,0 V6	PRO P77 40
Avantime (DE0) 2,2 dCi	PRO P77 40
Captur TcE 90-TcE 120	PRO P63 40
Captur dCi 90	PRO P77 40
Captur TcE 90-TcE 120 Start/Stop**	AGM 560 01
Captur dCi 90 Start/Stop**	AGM 570 01
Clio I, II (B/C57, 5/357, B/C/SB0) 1,1-1,4	PRO P50 40
Clio I, II (B/C57, 5/357, B/C/SB0) 1,6-2,0	PRO P63 40
Clio II (BB0, CB0) 3,0 V6	PRO P77 40
Clio I, II (B/C57, 5/357, B/C/SB0) 1,5-1,9 D, dCi, dTi	PRO P77 40
Clio III, IV (BR0, CR0, KR0) 1,2 eco2	PRO P50 40
Clio III, IV (BR0, CR0, KR0) 1,6-2,0 eco2	PRO P63 40
Clio III, IV (BR0, CR0, KR0) 1,5 dCi eco2	PRO P77 40
Espace I, II, III (J11, J/S63, JEO) 2,0-2,9 V6	PRO P63 40
Espace I, II, III (J11, J/S63, JEO) 1,9-3,0 dCi	PRO P77 40
Espace IV (JK0) 2,0-3,5 V6	PRO P77 40
Espace IV (JK0) 1,9-3,0 dCi	PRO P84 40
Fluence 1,6-2,0 eco2	PRO P50 40
Fluence 1,5-1,6 dCi eco2	PRO P77 40
Grand Scenic II, III (JM0/1, JZ0/1) 1,4-1,6 eco2	PRO P63 40
Grand Scenic II, III (JM0/1, JZ0/1) 2,0 eco2	PRO P77 40
Grand Scenic III, III (JM0/1, JZ0/1) 1,5-2,0 dCi eco2	PRO P77 40
Grand Scenic 1,5-1,6 dCi 130 Energy Start/Stop**	AGM 570 01
Kadjar (HA, HL) 1,2-1,6 Start/Stop	AGM 560 01
Kadjar (HA, HL) 1,5-1,6 dCi Start/Stop	AGM 570 01
Kangoo, be bop (KC0, FC0, KW0, FW0) 1,2 eco2	PRO P50 40
Kangoo, be bop (KC0, FC0, KW0, FW0) 1,4-1,6 eco2	PRO P63 40
Kangoo, be bop (KC0, FC0, KW0, FW0) 1,5-1,9 dCi, RXED eco2	PRO P77 40
Koleos (HY) 2,5	P60 68
Koleos (HY) 2,0 dCi	P70 29
Laguna I, II, III (B56, K56, BG0/1, KG0/1, KT0/1, DT0/1) 1,6-2,0 eco2	PRO P63 40
Laguna I, II, III (B56, K56, BG0/1, KG0/1, KT0/1, DT0/1) 2,2-3,0 V6 eco2	PRO P77 40
Laguna I, II, III (B56, K56, BG0/1, KG0/1, KT0/1, DT0/1) 1,5 dCi, dTi eco2	PRO P77 40
Laguna I, II, III (B56, K56, BG0/1, KG0/1, KT0/1, DT0/1) 1,9-3,0 dCi, dTi eco2	PRO P84 40
Latitude 1,6-2,0	PRO P63 40
Latitude 1,5-1,9 dCi	PRO P77 40
Latitude 1,6-2,0 Start/Stop**	AGM 560 01
Latitude 1,5-1,9 dCi Start/Stop**	AGM 570 01
Master I (T, P) 28-35, 30 2,0-2,2	PRO P50 40
Master I (T, P) 28-35 2,1-2,5 D, TD	PRO P77 40
Master II, III (UD/ND, FD, ED/HD/DU) 1,9-3,0 dTi, dCi	PRO P100 40
Megane I (BA0, LA0, DA0, EA0, JA0) 1,4-1,6	PRO P50 40
Megane I (BA0, LA0, DA0, EA0, JA0) 1,8-2,0	PRO P63 40
Megane I (BA0, LA0, DA0, EA0, JA0) 1,9 D, dT, dCi, dTi	PRO P77 40
Megane II (BM0, CM0, KM0, EM0) 1,4-2,0	PRO P63 40
Megane II (BM0, CM0, KM0, EM0) 1,5-2,0 dCi	PRO P77 40
Megane III (BZ0, KZ0/1, DZ0) 1,4-1,6 eco2	PRO P50 40
Megane III (BZ0, KZ0/1, DZ0) 2,0; 1,5 dCi eco2	PRO P63 40
Megane III (BZ0, KZ0/1, DZ0) 1,9-2,0 dCi eco2	PRO P77 40
Megane CC (EZ0/1) 1,4	PRO P50 40
Megane CC (EZ0/1) 1,5-2,0 dCi	PRO P77 40
Megane CC (EZ0/1) 1,4 Start/Stop**	AGM 560 01
Megane CC (EZ0/1) 1,5-2,0 dCi Start/Stop**	AGM 570 01
Megane Scenic I (JA0/1) 1,6; 1,9 D, dT, dTi	AGM 570 01
Messenger RVI D, TD	PRO P100 40
Modus (F/JPO) 1,2-1,6 eco2	PRO P63 40
Modus (F/JPO) 1,5 dCi eco2	PRO P77 40
R 5, Super 5 (B/C30)	PRO P50 40
R 19 I, II (L53, B/C53, D53, 853) 1,9 D, TD	PRO P77 40
R 19 I, II (L53, B/C53, D53, 853) 1,3-1,7	PRO P50 40
R 19 I, II (L53, B/C53, D53, 853) 1,8	PRO P63 40
Rapid (F30, G30) 1,1-1,3	PRO P50 40
Rapid (F30, G30) 1,6-1,9 D	PRO P63 40
Safrane I, II (B54) 2,0-2,5	PRO P63 40
Safrane I, II (B54) 2,9-3,0 V6	PRO P77 40
Safrane I, II (B53) 2,1-2,5 dT	PRO P100 40
Scenic I (JA0/1) 1,4-1,6	PRO P50 40
Scenic I (JA0/1) 1,8-2,0	PRO P63 40

\* with base hold-down adapter Art.No. 305002030101

\*\* Please check the original battery, as differing battery sizes and technologies may be installed. The battery choice depends primarily upon the electrical extras. (VRLA=AGM, AFB/ECM=EFB)

\*\*\* with terminal covers thin-DIN Art.No. 1020001300+1020001400

\*\*\*\* not yet available in the Banner assortment

## POWER BULL/RUNNING BULL



Scenic I (JA0/1) 1,9 dTi, dCi	PRO P77 40
Scenic II, III (JM0/1, JZ0/1) 1,4 eco2	PRO P50 40
Scenic II, III (JA0/1, JZ0/1) 1,6-2,0 eco2	PRO P63 40
Scenic II, III (JA0/1, JZ0/1) 1,5 dCi eco2	PRO P63 40
Scenic II, III (JM0/1, JZ0/1) 1,9-2,0 dCi eco2	PRO P77 40
Scenic III (JZ0/1) 1,6 dCi 130 Energy Start/Stop**	AGM 570 01
Sport Spider (EF0) 2,0 16V	PRO P63 40
Talisman (L2M, KP) 1,6 Start/Stop	AGM 560 01
Talisman (L2M, KP) 1,5-1,6 dCi Start/Stop	AGM 570 01
Thalia (LB0/1/2_) 1,2	PRO P50 40
Thalia (LB0/1/2_) 1,4-1,6	PRO P63 40
Thalia (LB0/1/2_) 2,0	PRO P63 40
Thalia (LB0/1/2_) 1,5 dCi	PRO P77 40
Thalia (LB0/1/2_) 1,9 D, dCi; 3,0V6 Start/Stop**	AGM 570 01
Trafic I, II (TXW, TXX, PXX, JL, FL, EL) 1,7-2,2	PRO P63 40
Trafic I, II (TXW, TXX, PXX, JL, FL, EL) 1,9-2,5 D, dCi, dTi	PRO P84 40
Twingo I, II, III, IV (C06, S06, CN0) 1,2-1,6Turbo eco2	PRO P50 40
Twingo IV (CN0) 1,5 dCi eco2	PRO P63 40
Twizy Z.E. 4-13 kW	PRO P50 40
Vel Satis (BJ0) 2,0	PRO P77 40
Vel Satis (BJ0) 2,0	PRO P84 40
Vel Satis (BJ0) 2,2-3,0 dCi	PRO P77 40
Vel Satis (BJ0) 2,2-3,0 dCi	PRO P84 40
Vel Satis (BJ0) 3,5 V6	PRO P77 40
Vel Satis (BJ0) 3,5 V6	PRO P84 40
Wind 1,2-1,6	PRO P50 40
ZOE Z.E. 65 kW	PRO P50 40

## Seat

Alhambra (7V8, 7V9) 1,8-2,0	PRO P63 40
Alhambra (7V8, 7V9) 1,9-2,0 TDI	PRO P100 40
Alhambra (7V8, 7V9) 2,8 V6	PRO P77 40
Alhambra (7V8, 7V9) 1,8-2,0 Ecomotive Start/Stop**	AGM 560 01
Alhambra (7V8, 7V9) 1,9-2,0 TDI Ecomotive Start/Stop	AGM 592 01
Alhambra (7V8, 7V9) 2,8V6 Ecomotive Start/Stop**	AGM 570 01
Altea (5P1, 5P5), -Freerak 1,4-2,0	PRO P63 40
Altea (5P1, 5P5), -Freerak 1,6-2,0 TDI	PRO P77 40
Altea -Freerak 1,4-2,0 Ecomotive Start/Stop**	AGM 560 01
Altea -Freerak 1,6-2,0 TDI Ecomotive Start/Stop**	AGM 570 01
Arosa (6H) 1,0-1,4	PRO P50 40
Arosa (6H) 1,2-1,7 SDI, TDI	PRO P63 40
Arona (KJ7) 1,0-1,5 TSI Ecomotive Start/Stop	EFB 560 11
Arona (KJ7) 1,6 TDI Ecomotive Start/Stop	EFB 570 11
Ateca (KH7) 1,0-1,5 TSI Ecomotive Start/Stop	EFB 560 11
Ateca (KH7) 2,0 TSI, Cupra Ecomotive Start/Stop	EFB 570 11
Ateca (KH7) 1,6-2,0 TDI Ecomotive Start/Stop	EFB 570 11
Cordoba (6K2/C2, 6K5) 1,0-1,6*	P60 09
Cordoba (6K2/C2, 6K5) 1,7-1,9 TD, TDI, SDI*	P72 09
Cordoba (6K5) 1,0-1,6*	P60 09
Cordoba (6K5) 1,7-1,9 TD, TDI, SDI*	P72 09
Cordoba (6L2) 1,2	PRO P50 40
Cordoba (6L2) 1,4-2,0	PRO P63 40
Cordoba (6L2) 1,4-1,9 TD, TDI, SDI	PRO P77 40
Exeo, ST (3R2, 3R5) 1,6-2,0	PRO P63 40
Exeo, ST (3R2, 3R5) 2,0 TDI	PRO P77 40
Exeo, ST (3R2, 3R5) 1,6-2,0 Ecomotive Start/Stop**	AGM 560 01
Exeo, ST (3R2, 3R5) 2,0 TDI Ecomotive Start/Stop**	AGM 570 01
Ibiza III, IV, V (6K1, 6L1, 6J5, 6J1) 1,0-1,6	PRO P50 40
Ibiza III, IV, V (6K1, 6L1, 6J5, 6J1) 1,8-2,0 20V	PRO P63 40
Ibiza III, IV, V (6K1, 6L1, 6J5, 6J1) 1,4-2,0 SDI, TDI	PRO P77 40
Ibiza III, IV, V (6J5, 6J1) 1,0-1,6 Ecomotive Start/Stop**	AGM 560 01
Ibiza III, IV, V (6J5, 6J1) 1,8 20V Ecomotive Start/Stop**	AGM 560 01
Ibiza III, IV, V (6J5, 6J1) 1,4-2,0 TDI Ecomotive Start/Stop**	AGM 570 01
Leon (1M1, 1P1) 1,4	PRO P50 40
Leon (1M1, 1P1) 1,6-2,0; 2,8 Cupra	PRO P63 40
Leon (1M1, 1P1) 1,9-2,0 SDI, TDI	PRO P77 40
Leon (1P1) 1,4-2,0; 2,8 Cupra Ecomotive Start/Stop**	AGM 560 01
Leon (1P1) 1,9-2,0 SDI, TDI Ecomotive Start/Stop**	AGM 570 01
Mii 1,0-1,4	PRO P50 40
Toledo I (1L) 1,6-2,0*	P60 09
Toledo I (1L) 1,9 D, SDI, TD, TDI*	P72 09
Toledo II, III (1M2, 5P2) 1,4-1,8	PRO P50 40

Toledo II, III (1M2, 5P2) 2,3 V5	PRO P63 40
Toledo II, III (1M2, 5P2) 1,9-2,0 TDI	PRO P77 40

## Scion

xA, xD, iQ	P45 23
bbX, tC, xB	P60 68
FR-5 (GT86) 2,0	P60 68

## Skoda

Citigo 1,0-1,4	PRO P50 40
Fabia (6Y) 1,0-1,4	PRO P50 40
Fabia (6Y) 1,6-2,0	PRO P63 40
Fabia (6Y) 1,4-1,9 SDI, TDI	PRO P77 40
Fabia (6Y) 1,2-1,6 GreenLine Start/Stop**	AGM 560 01
Fabia (6Y) 2,0 GreenLine Start/Stop**	AGM 560 01
Fabia (6Y) 1,2-1,9 SDI, TDI GreenLine Start/Stop**	AGM 570 01
Favorit, Forman (781, 785, 787)	PRO P63 40
Felicia I, II (791, 795, 797, 6U1, 6U5) 1,3-1,6	PRO P50 40
Felicia I, II (791, 795, 797, 6U1, 6U5) 1,9 D	PRO P63 40
Karoq (NU7) 1,0-1,5 TSI GreenLine Start/Stop	EFB 560 11
Karoq (NU7) 1,6-2,0 TDI GreenLine Start/Stop	EFB 570 11
Kodiat (NS7) 1,4 TSI GreenLine Start/Stop	EFB 560 11
Kodiat (NS7) 2,0 TSI GreenLine Start/Stop	EFB 570 11
Kodiat (NS7) 2,0 TDI GreenLine Start/Stop	EFB 570 11
Octavia (1U2, 1U5, 1Z3, 1Z5) 1,4-1,6, -Scout	PRO P50 40
Octavia (1U2, 1U5, 1Z3, 1Z5) 1,8-2,0, -Scout	PRO P63 40
Octavia (1U2, 1U5, 1Z3, 1Z5) 1,6-2,0 SDI, TDI, -Scout	PRO P77 40
Octavia (1U2, 1U5, 1Z3, 1Z5) 1,4-1,6, -Scout GreenLine Start/Stop**	AGM 560 01
Octavia (1U2, 1U5, 1Z3, 1Z5) 1,8-2,0, -Scout GreenLine Start/Stop**	AGM 560 01
Octavia (1U2, 1U5, 1Z3, 1Z5) 1,6-2,0 SDI, TDI, -Scout GreenLine Start/Stop**	AGM 570 01
Rapid 1,2-1,4	PRO P50 40
Rapid 1,6 TDI	PRO P77 40
Rapid 1,2-1,4 TSI GreenTec Start/Stop**	AGM 560 01
Rapid 1,6 TDI GreenTec Start/Stop**	AGM 570 01
Roomster, -Scout, -Praktik (5J) 1,2-1,4	PRO P50 40
Roomster, -Scout, -Praktik (5J) 1,6	PRO P63 40
Roomster, -Scout, -Praktik (5J) 1,4-1,9 SDI, TDI	PRO P77 40
Roomster, -Scout, -Praktik (5J) 1,2-1,6 GreenLine Start/Stop**	AGM 560 01
Roomster, -Scout, -Praktik (5J) 1,4-1,9 SDI, TDI GreenLine Start/Stop**	AGM 570 01
Superb (3U4, 3T4, 3T5) 1,4	PRO P63 40
Superb (3U4, 3T4, 3T5) 1,8-2,8 V6	PRO P77 40
Superb (3U4, 3T4, 3T5) 3,6 V6	PRO P84 40
Superb (3U4, 3T4, 3T5) 1,6 TDI	PRO P77 40
Superb (3U4, 3T4, 3T5) 1,9-2,5 TDI	PRO P84 40
Superb (3U4) 1,8-2,8 V6 GreenLine Start/Stop	AGM 570 01
Superb (3U4) 1,6-2,5 TDI GreenLine Start/Stop**	AGM 570 01
Yeti (5L) 1,2	PRO P50 40
Yeti (5L) 1,4-1,8	PRO P63 40
Yeti (5L) 2,0 TDI	PRO P77 40
Yeti (5L9) 1,2-1,8 GreenLine Start/Stop**	AGM 560 01
Yeti (5L) 2,0 TDI GreenLine Start/Stop**	AGM 570 01

## Smart Car

Smart forfour (454) 1,1-1,5	PRO P50 40
Smart forfour (454) 1,5 CDI	PRO P77 40
Smart formore 1,1-1,3	PRO P50 40
Smart formore 1,5 CDI	PRO P63 40
Smart fortwo (MC01, 450, 452) 0,6-1,0 Cross-blade, Roadster, -Coupé, City-Coupé, Cabrio	PRO P50 40
Smart fortwo (MC01, 450, 452) 0,8 CDI City-Coupé, Cabrio	PRO P63 40
Smart fortwo (MC01, 450, 452) 1,0; 0,8 CDI Start/Stop**	AGM 560 01

## Suzuki

Alto II, III (EC, EF) 0,5-1,0	P40 26
Alto IV, V (FF, GF) 0,5-1,0	P45 23
Baleno (EG) 1,3-1,6	P40 27
Baleno (EG) 1,8	P45 24
Baleno (EG) 1,9 TD	P70 29
Baleno Schrägheck, Kombi (EG) 1,9 TD	P70 29

Cappuccino (EA) 0,7	P40 27
Carry (FD) 1,3	P40 27
Celerio 1,0	P40 26
Celerio 1,0 Eco Start/Stop	AGM 560 01
Grand Vitara I, II (FT, GT, JB) 1,3-2,7	P60 68
Grand Vitara I, II (FT, GT, JB) 1,9 DDiS, 2,0 TD, HDI; 3,2	P95 04
Ignis I, II (FH) 1,3-1,5	P44 09
Ignis II 1,3	P45 23
Ignis II 1,3 DDiS	P72 09
Jimny (FJ) 0,7-1,3	P45 24
Jimny (FJ) 1,5 DDiS	P60 68
Kizashi 2,4	P60 68
Liana (ER) 1,3-2,3	P45 23
Liana (ER) 1,4 DDiS	P70 29
Samurai (SJ) 1,0-1,3	P40 27
Samurai (SJ) 1,9 TD	P70 29
Swift I, II (AA/AB/AH/AJ, EA, MA) 1,0-1,6	P40 27
Swift II Cabriolet (SF413) 1,3	P40 27
Swift III (SG) 1,3-1,6	P44 09
Swift III (SG) 1,3 DDiS	P60 09
Swift IV 1-2,1,3 Start/Stop****	AGM H4
Splash 1,0-1,2	P44 09
Splash 1,3 DDiS	P60 09
SX4 (GY) 1,3-2,0 Saloon	P60 09
SX4 (GY) 1,6-2,0 DDiS	PRO P77 40
Vitara (ET, TA) 1,6	P40 27
Vitara (ET, TA) 2,0-2,5	P45 24
Vitara (ET, TA) 1,9-2,0 D, TD, DDiS	P70 29
Wagon R+ (EM) 1,0-1,2	P40 26
Wagon R+ (EM) 1,2 4WD, 1,3 VVTi	P44 09
Wagon R+ (MM) 0,7-1,3; 1,3 DDiS	P40 26
Wagon R+ (MM) 1,3 4WD	P44 09
X-90 (EL) 1,6	P40 26

## Tata

Indica	P60 69
Indigo (4V2) 1,4; 1,4 D, TD	P60 68
Nano 0,6	P40 26
Pickup Telcoline TDI, 3x3	P95 05
Safari 3x3	P95 05

## Tatra

613	
700	PRO P100 40
Telco 307D, TDI	PRO P100 40
Telco, Telcoline, -sport	PRO P77 40

## Tesla

3, Roadster, S, Y, X - alle Modelle/all models****	33Ah AGM
--	----------

## Toyota

4 Runner (N130) 2,4-3,0	P70 24
4 Runner (N130) 2,4 Turbo-D	P70 24
4 Runner (N130) 3,4 4x4	P95 05
4 Runner (N130) 2,8-3,0 Turbo-D, TDI	P95 05
Auris 1,33-1,8 (Jap. assy.)	PRO P63 40
Auris 1,4-2,2 D-4D (UK assy.)	PRO P77 40
Auris 1,33-1,8 (Jap. assy.) Start/Stop	EFB 560 11
Auris 1,4-2,2 D-4D (UK assy.) Start/Stop	EFB 570 11
Avenis (T22, T25, T27) 1,6-2,4	PRO P63 40
Avenis (T22, T25, T27) 2,0 TD, D-4D	PRO P77 40
Avenis (T25, T27) 2,2 D-4D, D-CAT	PRO P84 40
Avenis Verso 2,0 D4-D	P95 04
Avenis Verso 2,0-2,4 VVT-i	P60 68
Aygo (B10, WNB1, KGB1) 1,0	PRO P50 40
Aygo (B10, WNB1, KGB1) 1,4 HDi	PRO P50 40
Camry (V1, V10) 1,8-3,0	P60 68
Camry (V20) 2,2-3,0	P60 68
Camry (V30, V40) 2,0-3,5 V6	P70 29
Carina E (T19) 1,5-2,0	P60 68
Carina E (T19) 2,0 D	P95 04
Carina E (T19) 2,0 D, TD	PRO P77 40
Celica 1,6-2,2 (T16, ST16, T16F, T18, T20)	P45 23
Celica 1,8 (ZZT23)	P60 68
C-HR (NGX) 1,2	P40 25
C-HR (ZYX10) 1,8 Hybrid	P45 23
C-HR (NGX) 1,2 Start/Stop	EFB 538 15

\* with base hold-down adapter Art.No. 305002030101

\*\* Please check the original battery, as differing battery sizes and technologies may be installed. The battery choice depends primarily upon the electrical extras. (VRLA=AGM, AFB/ECM=EFB)

\*\*\* with terminal covers thin-DIN Art.No. 1020001300+1020001400

\*\*\*\* not yet available in the Banner assortment



# POWER BULL/RUNNING BULL

C-HR (ZXY10) 1,8 Hybrid Start/Stop**	EFB 555 15
C-HR (NGX) 1,2 Start/Stop (TR Assembly)**	EFB 560 11
C-HR (ZXY10) 1,8 Hybrid Start/Stop (TR Assembly)**	EFB 570 11
Corolla (E10, E11) - Verso 1,3-2,0	P60 68
Corolla (E10, E11) - Verso 1,9-2,0 D-4D, D-CAT	P95 04
Corolla (E11) - Verso 1,4 D4D, 2,0 D4D	PRO P77 40
Corolla (E12, ZER, ZZE) 1,4-2,0 D-4D; Verso	PRO P77 40
Corolla (E12, ZER, ZZE) 1,4-2,0 VVT-i, VVTLi TS; Verso	PRO P63 40
Corolla (E12, ZER, ZZE) 2,2 D-4D; Verso	PRO P84 40
Corolla (E12) 1,4-2,0 D-4D; Verso Start/Stop	EFB 570 11
Corolla (E12) 1,4-2,0 VVT-i, VVTLi TS; Verso Start/Stop	EFB 560 11
Corolla (E12) 2,2 D-4D; Verso Start/Stop	EFB 570 11
Dyna 100 D	P70 29
Dyna 100, 150	P70 24
Dyna 2,5-4,6 D4D	P95 04
GT86 2,0	P60 68
HI-ACE III (H10) 2,0-2,4	P60 69
HI-ACE III (H10) 2,4 D, TD	P95 05
HI-ACE IV (H1, H2) 2,4	P60 69
HI-ACE IV (H1, H2) 2,4 4WD	P70 24
HI-ACE IV (H1, H2) 2,4 D, TD-2,5D, TD 4WD, 3,0 D-4D	P95 04
HI-ACE IV (H1, H2) 2,7	P60 69
HI-ACE IV (H1, H2) 2,7 4WD	P70 24
HI-ACE IV (H1, H2) 3,0	P60 69
HI-ACE V (H20) 2,7	P70 24
HI-ACE V (H20) 2,5 D-4D	P95 04
HI-LUX (RN, YN) 1,8-3,4	P70 24
HI-LUX (RN, YN) 2,4-3,0 D, TD, TDIC	P95 05
HI-LUX (KUN) 1,8-2,7; 2,4-3,0 D (ZA Assembly)	PRO P63 40
IQ (AJ1) 1,0	P45 24
IQ (AJ1) 1,33 Start/Stop	EFB 560 11
IQ (AJ1) 1,4 D-4D	P70 24
Landcruiser (J7) 2,4 (77 kW)	P70 29
Landcruiser (J7) 2,4 (84 kW), 2,4 D (53 kW), 2,4 TD (63 kW), 3,0 TD (92 kW)	P95 05
Landcruiser (J7) 2,4 TD (66 kW), 2,5 TD (85 kW), 3,4 D, TD, 4,2 TD	P95 04
Landcruiser 300 3,0L D4-D	P95 04
Landcruiser 300 4,0 V6 VVT-i	P60 68
Landcruiser 80 (J8) 3,5 FRT, 4,5, 3,0-4,2 TD	P95 04
Landcruiser 80 (J8) 4,0	P95 05
Landcruiser 90 (J9) 3,0 TD, D-4D, 4,2 TD	P95 04
Landcruiser 90 (J9) 2,4-4,7	P60 68
Landcruiser 100 (J10) 4,2 TD, 4,7	P95 04
Landcruiser (J12) 2,7-4,0; 3,0 D-4D	P95 05
Lite-ACE (CM3V, KM3V, R2) 1,3-1,5	P45 24
Lite-ACE (CM3V, KM3V, R2) 2,2	P60 69
Lite-ACE (CM3V, KM3V, R2) 2,0 D	P95 05
MR2 (W1, W2) 1,6-2,0	P45 23
MR2 (W3) 1,8	P60 68
Paseo (EL53, EL54) 1,5 16V	P60 69
Picnic (XM10) 2,0 (90 kW)	P45 23
Picnic (XM10) 2,0 16V (94 kW)	P60 68
Picnic (XM10) 2,2 D	P95 04
Previa (TCR1, 2) 2,0 D-4D; 2,4	P60 68
Previa (ACR3) 2,4-3,0	P60 68
Previa (ACR3) 2,0 D-4D	P95 04
Prius (NHW11) 1,5-1,8 VVT-i Hybrid	P40 26
Prius (NHW20) 1,5-1,8 Hatchback	P45 24
Prius (ZVW3) 1,5-1,8 Plug-in Hybrid	P40 25
RAV 4 I (SXA1_) 2,0 16V	
RAV 4 I Cabrio (SXA1_) 2,0 16V	P45 23
RAV 4 II (XA2) 1,8-2,4 VVTi	P60 68
RAV 4 II (XA2) 2,0 D-4D	P95 04
RAV 4 III (ACA_, ACE_, LA_) 2,0-2,4 VVTi	P60 68
RAV 4 III (ACA_, ACE_, LA_) 3,5 VVTi	P70 29
RAV 4 III (ACA_, ACE_, LA_) 2,2 D-4D, D-CAT	P95 04
Starlet (EP91) 1,3	P40 27
Starlet (P8) 1,0-1,3	P45 24
Starlet (P8) 1,5 D	P60 68
Supra (MA70, JZA80) 3,0	P70 29
Tercel (L1, L2, AL2)	P45 24
Urban Cruiser (NSP, NLP, ZSP, NCP) 1,3 VVT-i	P45 23

Urban Cruiser (NSP, NLP, ZSP, NCP) 1,4 D-4D Start/Stop	EFB 560 11
Verso-S (AUR2, ZGR2) 1,6-1,8	PRO P63 40
Verso-S (AUR2, ZGR2) 2,0-2,2 D-4D	PRO P84 40
Verso-S (AUR2, ZGR2) 1,6-1,8 Start/Stop	EFB 560 11
Verso-S (AUR2, ZGR2) 2,0-2,2 D-4D Start/Stop	EFB 570 11
Yaris (CP10) 1,0 (48 kW)-1,3 (64 kW)	P44 09
Yaris (CP10) 1,0 (50 kW)	
Yaris (CP10) 1,3 16V (63 kW)-1,5 TS (77 kW)	P45 24
Yaris (CP10) 1,4 D-4D (55 kW)	P60 69
Yaris (CP10) 1,4 D-4D (55 kW)	PRO P63 40
Yaris (CP10) 1,5 VTI-i TS (78 kW)	P45 24
Yaris (CP10) 1,5 VTI-i TS (110 kW)	PRO P50 40
Yaris (XP9) 1,0-1,3 VVT-i	PRO P50 40
Yaris (XP9) 1,0-1,33 VTI-i Start/Stop	EFB 560 11
Yaris (XP9) 1,5 (80kW)	P44 09
Yaris (XP9) 1,8 VVTi	PRO P63 40
Yaris (XP9) 1,4 D-4D	PRO P63 40
Yaris Verso (NC/LP2) 1,3 (62 kW)	
Yaris Verso (NC/LP2) 1,3 (63 kW) -1,5 (77/78 kW)	P45 24
Yaris Verso (NC/LP2) 1,4 D-4D	P60 69
Yaris (XP13) 1,0-1,3	PRO P63 40
Yaris (XP13) 1,5 Plug-in Hybrid	P45 24
Yaris (XP13) 1,4 D-4D	PRO P77 40

## Volkswagen

Amarok 2,0	PRO P77 40
Amarok 2,0 TDI, BiTDI	PRO P100 40
Amarok 2,0 BlueMotion Start/Stop	AGM 570 01
Amarok 2,0 TDI, BiTDI BlueMotion Start/Stop	AGM 592 01
Arteon (3H7) 1,5 TSI BlueMotion Start/Stop	EFB 560 11
Arteon (3H7) 2,0 TSI BlueMotion Start/Stop	EFB 570 11
Arteon (3H7) 2,0 TDI SCR BlueMotion Start/Stop	EFB 570 11
Bora (1J2, 1J6) 1,4-1,6	PRO P50 40
Bora (1J2, 1J6) 1,8-2,8	PRO P63 40
Bora (1J2, 1J6) 1,9 SDI, TDI	PRO P77 40
Caddy I, II (14, 9K9, 9U7) 1,3-1,8	PRO P63 40
Caddy I, II (13, 9K9, 9U7) 1,6-1,9 D, SDI, TDI	PRO P77 40
Caddy III (2KB, 2KJ, 2KA, 2KH) 1,4-2,0	PRO P63 40
Caddy III (2KB, 2KJ, 2KA, 2KH) 1,6-2,0 SDI, TDI	PRO P77 40
Caddy III (2KB, 2KJ, 2KA, 2KH) 1,4-2,0 Start/Stop	AGM 560 01
Caddy III (2KB, 2KJ, 2KA, 2KH) 1,6-2,0 SDI, TDI Start/Stop	AGM 570 01
Caravelle -VR6 2,0	PRO P63 40
Caravelle 2,0 TDI, BiTDI	PRO P100 40
Corrado (53I) 1,8-2,9 VR6	PRO P63 40
Crafter (2E) 2,5 TDI 65-80kW	PRO P77 40
Crafter (2E) 2,5 TDI 100-125kW	PRO P100 40
Crafter (2E) 2,5 TDI 65-80kW BlueMotion Start/Stop	AGM 570 01
Crafter (2E) 2,5 TDI 100-125kW BlueMotion Start/Stop	AGM 592 01
Eos 1,4-2,0 FSI, TSI, TFSI	PRO P63 40
Eos 3,2-3,6 V6	PRO P77 40
Eos 2,0 TDI	PRO P77 40
Eos 1,4-2,0 FSI, TSI, TFSI BlueMotion Start/Stop**	AGM 560 01
Eos 3,2-3,6 V6 BlueMotion Start/Stop	AGM 570 01
Eos 2,0 TDI BlueMotion Start/Stop	AGM 570 01
Fox (SZR1) 1,0-1,4	PRO P50 40
Fox (SZ1) 1,6	PRO P63 40
Fox (SZ1) 1,4 D, SDI, TDI	PRO P63 40
Fox (SZ1) 1,9 D, SDI, TDI	PRO P77 40
Golf -Cross III, IV (1H1, 1H5, 1E7, 1J1, 1J5, 1E7) 1,0-1,6 Plus, FSI, TSI	PRO P50 40
Golf -Cross III, IV (1H1, 1H5, 1E7, 1J1, 1J5, 1E7) 1,8-3,2; GTI Plus, FSI, TSI	PRO P63 40
Golf -Cross III, IV (1H1, 1H5, 1E7, 1J1, 1J5, 1E7) 1,6 BiFuel	PRO P77 40
Golf -Cross III, IV (1H1, 1H5, 1E7, 1J1, 1J5, 1E7) 1,9-2,5 GTD, SDI, TDI Plus	PRO P77 40
Golf V, VI (1K1, 1K5, 5K1, AJ5, 5M1, 521) 1,0 Plus	PRO P50 40
Golf V, VI (1K1, 1K5, 5K1, AJ5, 5M1, 521)	PRO P63 40
Golf V, VI (1K1, 1K5, 5K1, AJ5, 5M1, 521) 1,8-2,0 FSI, GTI Plus	PRO P77 40

Golf V, VI (1K1, 1K5, 5K1, AJ5, 5M1, 521) 1,8 Hybrid Plus	
Golf V, VI (1K1, 1K5, 5K1, AJ5, 5M1, 521) 2,5-3,2 FSI VR5, R32	PRO P77 40
Golf V, VI (1K1, 1K5, 5K1, AJ5, 5M1, 521) 1,6 SDI, TDI Plus	PRO P77 40
Golf V, VI (1K1, 1K5, 5K1, AJ5, 5M1, 521) 1,9-2,0 SDI, TDI Plus	PRO P77 40
Golf V, VI (1K1, 1K5, 5K1, AJ5, 5M1, 521) 1,2-1,6 Plus BlueMotion Start/Stop**	AGM 560 01
Golf V, VI (1K1, 1K5, 5K1, AJ5, 5M1, 521) 1,8-2,0 FSI, GTI BlueMotion Start/Stop	AGM 570 01
Golf V, VI (1K1, 1K5, 5K1, AJ5, 5M1, 521) 2,5-3,2 FSI VR5, R32 BlueMotion Start/Stop	AGM 580 01
Golf V, VI (1K1, 1K5, 5K1, AJ5, 5M1, 521) 1,6 SDI, TDI BlueMotion Start/Stop	AGM 570 01
Golf V, VI (1K1, 1K5, 5K1, AJ5, 5M1, 521) 1,9-2,0 SDI, TDI BlueMotion Start/Stop**	AGM 580 01
Golf VII 1,2-1,4 TSI BlueMotion Start/Stop**	AGM 560 01
Golf VII 1,6 TDI BlueMotion, 4Motion Start/Stop**	AGM 570 01
Golf VII 2,0 TDI BlueMotion, 4Motion Start/Stop**	AGM 570 01
Jetta III (1K2) 1,4-1,6 TSI	PRO P63 40
Jetta III (1K2) 2,0-2,5 FSI	PRO P77 40
Jetta III (1K2) 1,9-2,0 TDI	PRO P77 40
Jetta IV (162) 1,2 TSI; 1,6 TDI BlueMotion Start/Stop	AGM 570 01
LT 28-35 I, II (281-363, 2DM) 2,0-2,4	PRO P63 40
LT 28-35 I, II (281-363, 2DM) 2,3-2,8 D, SDI, TDI	PRO P100 40
LT 28-46 II (2DX0AE) 2,3	PRO P77 40
LT 28-46 II (2DX0AE) 2,5 SDI, TDI	PRO P100 40
LT 40-55 I, II 2,4	PRO P77 40
LT 40-55 I, II 2,4 D, TD	PRO P100 40
Lupo (6X1, 6E1) 1,0-1,4	PRO P50 40
Lupo (6X1, 6E1) 1,2-1,7 SDI, TDI	PRO P77 40
Lupo (6X1, 6E1) 1,6 GTI	PRO P63 40
Multivan (7HM, 7HF) 2,0	PRO P77 40
Multivan (7HM, 7HF) 3,0-3,2	PRO P84 40
Multivan (7HM, 7HF) 1,9-2,5 TDI, BiTDI	PRO P100 40
Multivan (7HM, 7HF) 2,0-3,2 BlueMotion Start/Stop	AGM 570 01
Multivan (7HM, 7HF) 1,9-2,5 TDI, BiTDI BlueMotion Start/Stop	AGM 592 01
New Beetle (9C1, 1C1, 1Y7) 1,9 TDI	PRO P77 40
New Beetle (9C1, 1C1, 1Y7) 1,4-2,5	PRO P63 40
New Beetle (9C1, 1C1, 1Y7) 3,2 RSI	PRO P77 40
Passat (32B, 35I) 1,3-2,2*	PRO P63 40
Passat (32B, 35I) 1,6-1,9 TD, SDI, TDI*	PRO P77 40
Passat (32B, 35I) 2,8-2,9*	PRO P77 40
Passat (3B2, 3B5, 3B3, 3B6) 1,6-1,8	PRO P50 40
Passat (3B2, 3B5, 3B3, 3B6) 2,0-2,3	PRO P63 40
Passat (3B2, 3B5, 3B3, 3B6) 2,8-2,9	PRO P63 40
Passat (3B2, 3B5, 3B3, 3B6) 1,9-2,5 SDI, TDI	PRO P77 40
Passat (3B5, 3B3, 3B6) 4,0 W8	PRO P77 40
Passat (3C2, 3C5) 1,4 TSI BlueMotion Start/Stop	AGM 570 01
Passat (3C2, 3C5) 1,6-2,0 FSI, TSI, TFSI	PRO P77 40
Passat (3C2, 3C5) 3,2-3,6 FSI	PRO P77 40
Passat (3C2, 3C5) 1,9-2,0 TDI	PRO P77 40
Passat (3C2, 3C5) 1,4 TSI BlueMotion Start/Stop	AGM 570 01
Passat (3C2, 3C5) 1,6-2,0 TDI BlueMotion Start/Stop	AGM 580 01
Passat (3C2, 3C5) 3,2-3,6 FSI BlueMotion Start/Stop	AGM 580 01
Passat CC 1,8 TSI	PRO P63 40
Passat CC 2,0 TSI	PRO P77 40
Passat CC 1,9-2,0 TDI	PRO P77 40
Passat CC 3,6	PRO P77 40
Passat CC 2,0 BlueTDI BlueMotion Start/Stop**	AGM 570 01
Passat (362, 365) 1,4-2,0 TSI; 1,6-2,0 TDI BlueMotion Start/Stop	AGM 570 01
Passat (362, 365) 3,6 FSI BlueMotion Start/Stop	AGM 592 01
Phaeton (3D2) 3,2-6,0; V6-V8, W12	PRO P100 40
Phaeton (3D2) 3,0-5,0 V6-V10 TDI	PRO P100 40
Phaeton 3,2-6,0; V6-V8, W12 BlueMotion Start/Stop	AGM 592 01
Phaeton 3,0-5,0 V6-V10 TDI BlueMotion Start/Stop	AGM 592 01

\* with base hold-down adapter Art.No. 305002030101

\*\* Please check the original battery, as differing battery sizes and technologies may be installed. The battery choice depends primarily upon the electrical extras. (VRLA=AGM, AFB/ECM=EFB)

\*\*\* with terminal covers thin-DIN Art.No. 1020001300+1020001400

\*\*\*\* not yet available in the Banner assortment



# POWER BULL/RUNNING BULL

Polo (86C, 86CF, 6N1, 6NF) 1,0-1,4*	PRO P63 40
Polo (86C, 86CF, 6N1, 6NF) 1,3-1,9 D, SDI, TDI*	PRO P77 40
Polo (86C, 86CF, 6N1, 6NF) 1,6-2,0*	PRO P63 40
Polo (6KV2, 6KV5) 1,4-1,6	PRO P63 40
Polo (6KV2, 6KV5) 1,7-1,9 SDI; TDI	PRO P63 40
Polo (6N2, 9N_ 6R) 1,0-1,6	PRO P63 40
Polo (6N2, 9N_ 6R) 1,8	PRO P77 40
Polo (6N2, 9N_ 6R) 1,2 TDI	PRO P63 40
Polo (6N2, 9N_ 6R) 1,4-1,9 SDI, TDI	PRO P77 40
Polo (6R) 1,2-1,6 TDI BlueMotion Start/Stop**	AGM 570 01
Scirocco III (13) 1,4-2,0 FSI, TFSI	PRO P63 40
Scirocco III (13) 1,9-2,5 TDI	PRO P77 40
Scirocco III (13) 1,4-2,0 FSI, TFSI BlueMotion Start/Stop**	AGM 570 01
Scirocco III (13) 1,9-2,5 TDI BlueMotion Start/Stop	AGM 570 01
Sharan (7M) 1,8 T 20V*	PRO P63 40
Sharan (7M) 1,8 T 20V	PRO P63 40
Sharan (7M) 1,9-2,0 TDI, 115CV (3 Motion)*	PRO P100 40
Sharan (7M) 1,9-2,0 TDI, 115CV (3 Motion)	PRO P100 40
Sharan (7M) 2,0*	PRO P77 40
Sharan (7M) 2,0	PRO P77 40
Sharan (7M) 2,8 V6, VR6 Syncro*	PRO P77 40
Sharan (7M) 2,8 V6, VR6 Syncro	PRO P77 40
Sharan 1,4-2,0 BlueMotion Start/Stop**	AGM 570 01
Sharan 2,8 V6, VR6 Syncro BlueMotion Start/Stop	AGM 580 01
Sharan 1,9-2,0 TDI, 115CV (3 Motion) Blue-Motion Start/Stop**	AGM 580 01
Taro 1,8-2,3	P60 69
Taro 2,3 D	P70 24
Tiguan (5N) 1,4-2,0	PRO P63 40
Tiguan (5N) VR6	PRO P77 40
Tiguan (5N) 2,0 TDI	PRO P77 40
Tiguan (5N) 1,4-2,0 BlueMotion Start/Stop	AGM 570 01
Tiguan (5N) VR6 BlueMotion Start/Stop	AGM 570 01
Tiguan (5N) 2,0 TDI BlueMotion Start/Stop**	AGM 580 01
Touareg (7LA) 2,5 TDI	PRO P77 40
Touareg (7LA) 3,0 TDi, V6 TDI	PRO P100 40
Touareg (7LA) 3,0-3,2 V6	PRO P100 40
Touareg (7LA) 4,2 V8-6,0 W12	PRO P100 40
Touareg (7LA) 2,5 TDI BlueMotion Start/Stop	AGM 570 01
Touareg (7LA) 3,0 TDi, V6 TDI BlueMotion Start/Stop	AGM 592 01
Touareg (7LA) 3,0-3,2 V6 BlueMotion Start/Stop	AGM 592 01
Touareg (7LA) 4,2 V8-6,0 W12 BlueMotion Start/Stop	AGM 592 01
Touareg (7P5) 3,0 V6 TDI BlueMotion Start/Stop**	AGM 592 01
Touran, -Cross (1T1, 1T2) 1,4-2,0 FSI	PRO P63 40
Touran, -Cross (1T1, 1T2) 1,9-2,0 TDI	PRO P77 40
Touran, -Cross (1T1, 1T2) 1,4-2,0 FSI BlueMotion Start/Stop	AGM 570 01
Touran, -Cross (1T1, 1T2) 1,9-2,0 TDI BlueMotion Start/Stop	AGM 570 01
Touran, -Cross (1T3) 1,2 TSI BlueMotion Start/Stop	AGM 570 01
Transporter T4 (70X_) 1,6*	PRO P63 40
Transporter T4 (70X_) 1,8-2,8 VR6*	PRO P77 40
Transporter T4 (70X_) 1,9-2,5 D; TDI	PRO P100 40
Transporter T5 (7H_ 7J_) 2,0-3,2	PRO P77 40
Transporter T5 (7H_ 7J_) 1,9-2,5 TDI, BiTDI	PRO P100 40
T-Roc (A11) 1,0-1,5 TSI BlueMotion Start/Stop	EFB 560 11
T-Roc (A11) 2,0 TSI BlueMotion Start/Stop	EFB 570 11
T-Roc (A11) 1,6-2,0 TDI BlueMotion Start/Stop	EFB 570 11
Up 1,0-1,4	PRO P50 40
e-Up, GTI 60 kW**	P42 08
Vento (1HX0) 1,4-1,6*	PRO P63 40
Vento (1HX0) 1,8-2,8*	PRO P63 40
Vento (1HX0) 1,9 SDI, TDI*	PRO P77 40
XL1 0,8 TDI E-Hybrid	P42 08
<b>Volvo</b>	
340-460 (343, 345, 344, 445, 464) 1,4-2,0	PRO P77 40
340-460 (343, 345, 344, 445, 464) 1,6-1,9 D, TD	PRO P77 40
480 E 1,7-2,0	PRO P63 40
850-960 (LS, LW, 945, 944, 964, 965) 2,0-2,9	PRO P77 40
850-960 (LS, LW, 945, 944, 964, 965) 2,4-2,5 D, TD, TDI	PRO P77 40
C30 1,6-1,8 FlexFuel	P72 09
C30 2,0-2,4, T5	PRO P77 40

C30 2,0 FlexFuel	PRO P63 40
C30 1,6 D	PRO P77 40
C30 2,0 D, D3, D4, D5	P88 20 P80 14
C30 1,6-2,4; 1,6-2,0 D DRiVe Start/Stop	AGM 570 01
C30 1,6-2,4; 1,6-2,0 D DRiVe Start/Stop	EFB 570 11
C70 I, II 2,0-2,5; T5	PRO P63 40
C70 I, II 2,0-2,5; T5	PRO P77 40
C70 I, II 2,0-2,5 D, TDI	PRO P77 40
C70 II D3, D4	P88 20 P80 14
S40 I (VS) 1,6-2,0	PRO P63 40
S40 I (VS) 1,9 DI, TD	PRO P77 40
S40 II (MS) 1,6-1,8 FlexFuel	P72 09
S40 II (MS) 2,0-2,4, D5, T5, AWD	P72 09
S40 II (MS) 1,6 D	PRO P77 40
S40 II (MS) 2,0 D, D3, D4	P88 20 P80 14
S40 II (MS) 1,6-2,4; 1,6-2,0 D DRiVe Start/Stop	AGM 570 01
S60 I 2,0-2,5	PRO P63 40
S60 I 2,4 D, D5	PRO P100 40
S60 II 2,0, D3, D4, T4, T5, T6	PRO P77 40
S60 II D3, D4, D5 AWD	P88 20 P80 14
S60 II 2,4 T3, T4, 1,6 D; D3, D5 DRiVe Start/Stop	AGM 570 01
S70 (P80) 2,0-2,5	PRO P77 40
S70 (P80) 2,5 TDI	PRO P100 40
S80 I, II (TS, XY, AS) 2,0-4,4 AWD, T4, T5, T6 AWD	PRO P77 40
S80 I, II (TS, XY, AS) 2,0-2,5 D, TDI	PRO P100 40
S80 II (AS) 1,6 D DRiVe Start/Stop	AGM 570 01
S80 II D3, D4, D5 AWD	P88 20 P80 14
S90 2,5-2,9	PRO P77 40
V40 (VS, VW) 1,6-2,0	PRO P63 40
V40 (VS, VW) 1,9 TD, DI	PRO P77 40
V40 (VS, VW) 1,9 TD, DI	PRO P84 40
V40 (VW) 1,6 Start/Stop	AGM 560 01
V40 (VW) 2,0-2,5 TD, DI Start/Stop	AGM 570 01
V40 (VW) 1,8-2,0 D2, D3, D4, T2, T3, T4, T5 Start/Stop	AGM 570 01
V50 (MW) 1,6-1,8	P72 09
V50 (MW) 2,0 FlexFuel	PRO P63 40
V50 (MW) 2,0-2,4, D5, T5, AWD	P72 09
V50 (MW) 1,6 D, 2,4 D	PRO P77 40
V50 (MW) 2,0 D, D3, D4	P88 20 P80 14
V50 (MW) 1,6-2,4; 1,6-2,4 D DRiVe Start/Stop	AGM 570 01
V60 2,0 T, D3, D4, T4, T5, T6	PRO P77 40
V60 2,4 D5, D3, D4 AWD, D5 AWD	P88 20 P80 14
V60 2,4 Hybrid AWD	AGM 580 01
V60 T3, T4, 1,6; D3, 2,4 D5 DRiVe Start/Stop**	AGM 570 01 AGM 580 01
V70 I (P80) 2,0-2,5	PRO P77 40
V70 I (P80) 2,5 TDI	PRO P100 40
V70 II (P80) 2,4-2,5 D, D5, TDI	PRO P100 40
V70 II (P80) T5 2,0-2,5	PRO P77 40
V70 III (BW) 1,6-3,2, T, D3, D4, T5	PRO P77 40
V70 III (BW) 1,6 D DRiVe	PRO P77 40
V70 III (BW) 2,0-3,2 D DRiVe, D3, D5 AWD, T6 AWD	P88 20 P80 14
V70 III (BW) T4, 1,6 D, D4, T4 DRiVe Start/Stop	AGM 570 01
V90 2,5-2,9	PRO P77 40
XC40 (536) T5 AWD, D4 AWD DRiVe Start/Stop**	AGM 570 01
XC60 2,0, T6, 3,2; D5, T5, T6	PRO P77 40
XC60 D5 AWD	P88 20 P80 14
XC60 2,4 D DRiVe	PRO P100 40
XC60 D3, D4, D5 DRiVe Start/Stop	AGM 570 01
XC70 I, II 2,4-2,5	PRO P77 40
XC70 I, II 2,4 D5 AWD	PRO P100 40
XC70 I, II 2,4-2,5 D DRiVe	PRO P100 40
XC70 I, II 2,4 D, 3,2 AWD, D3, D5 AWD	P88 20 P80 14
XC70 II D3, D4, T5, T6 DRiVe Start/Stop**	AGM 570 01 AGM 580 01
XC90 2,5-2,9 T, T6, V8, 3,2	PRO P77 40
XC90 2,5 D5	PRO P100 40

\* with base hold-down adapter Art.No. 305002030101

\*\* Please check the original battery, as differing battery sizes and technologies may be installed. The battery choice depends primarily upon the electrical extras. (VRLA=AGM, AFB/ECM=EFB)

\*\*\* with terminal covers thin-DIN Art.No. 1020001300+1020001400

\*\*\*\* not yet available in the Banner assortment

**ALSO IN OUR ASSORTMENT:**



**Traction Bull**

The traction battery for the toughest industrial requirements.



**Traction Bull Bloc**

The leak-proof battery for extreme applications. With electrolyte in either liquid or AGM/GEL form.



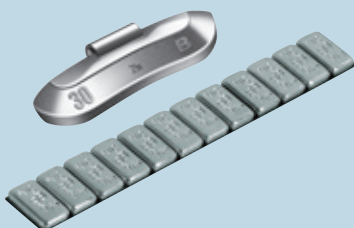
**Stand by Bull**

The stationary battery for secure supplies of emergency power.



**Banner Battery Accessories**

Technology for professional battery servicing.



**Wuchtofit**

Lead-free wheel weights for all rims and vehicles.



**We herewith confirm, that Banner GmbH is a producer and supplier of Original Equipment for the following manufacturers:**

Manufacturer, model	Battery type(s)
<b>Aston Martin</b>	88 Ah flooded battery and 90 Ah AGM
<b>Audi A3, A4, Q5 Hybrid</b>	EFB 59 Ah, AUX 14 AGM
<b>BMW various models</b>	70 Ah, 80 Ah, 90 Ah and 105 Ah AGM, 70 Ah, 80 Ah EFB
<b>Bomag construction equipment</b>	various flooded battery types (AGM and EFB)
<b>Caterpillar</b>	various flooded battery types
<b>Kässbohrer Pistenbully</b>	various flooded battery types
<b>Knaus Tabbert caravan</b>	80 Ah and 95 Ah AGM
<b>KTM X-Bow</b>	Banner Power Bull
<b>Liebherr construction equipment</b>	various flooded battery types
<b>Mitsubishi</b>	various flooded battery types
<b>Mercedes commercial vehicle</b>	various AGM batteries
<b>Porsche 911, Boxster, Cayman</b>	140 Ah, 170 Ah, 220 Ah flooded battery
<b>Rammox construction equipment</b>	various flooded battery types
<b>Rolls-Royce</b>	AUX 14 AGM
<b>Seat</b>	EFB 59 Ah
<b>Skoda</b>	EFB 59 Ah
<b>Suzuki</b>	various flooded battery types
<b>VOLVO</b>	AUX 9 AGM
<b>VW Golf, T-Roc, Polo</b>	EFB 59 Ah, 69 Ah

[bannerbatterien.com](http://bannerbatterien.com)

LEADING COMPANY OF AUSTRIA

## CERTIFICATIONS

Manufacture at the Austrian production centre in Linz ensures constant, certificated top quality in accordance with **IATF 16949**, **ISO 9001** and **ISO 14001**.

## PATENTS

**AccuSafe** joint patent with Gore - usufruct rights assigned to Gore DE 197 03 444

**AccuSafe** new applicant Banner A - 943/2001

**Double cover joint patent** with Moll U - 02027 9204 (registration still in progress, also registered in the USA)

**AGM valve stopper** joint registered design protection with Accumalux

1700000139/2018