



# BSP

## Battery Status Processor

*Xtender accessory*

The **BSP** is an accurate battery energy measurement and real time processing system, based on a sophisticated algorithm, to determine in the most precise way the state of the battery.

The **BSP** is compatible with 12, 24 or 48V batteries (auto-detected) and the whole **Xtender/ VarioTrack** family. It forms the core of a system's energy management strategy and will greatly help the user to cope with it. All computed data can be monitored through the **RCC** display or through the **Xcom-LAN** or the **Xcom-GSM**.



**The BSP allows to monitor and/or to log energy storage information like:**

- State of charge
- Time to go / Time to charge
- Throughput energy
- Current and voltage
- Battery temperature

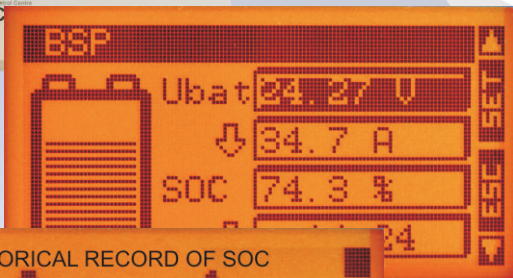
**It interacts with the Xtender**

- To drive the behavior of the Xtender's auxiliary relay. (i.e.: Generator start)
- To control the charge/discharge limit
- To control the total charging / discharging current of the battery

Models:

**BSP-500** (500A shunt)

**BSP-1200** (1200A shunt)



*Optimal battery energy management  
is the key to an extended battery lifetime  
BSP is one step ahead to further improve  
off-grid energy systems*