



## BATCONTROLLER® E

**5 Years  
Warranty**

The microprocessor controlled BATCONTROLLER® E is a monitor to control small or big battery- and solar systems. The battery monitor BATCONTROLLER® E is adjustable for 12V and also for 24V battery systems. The monitor informs exactly about the battery-buffered energy supply and the solar system.

Typical fields of application are caravans, boats, holiday houses or mountain huts.

The BATCONTROLLER® E displays the information with an alphanumeric LCD. All data are quickly and easily called up. The display is illuminated.

Additional the BATCONTROLLER® E provides an interface for a second battery block (e.g. starter battery) to display the battery voltage of the second battery.

In combination with MPT® solar charge controllers and the interface the solar data will be integrated for visualization.

### BATCONTROLLER® S

#### Technical Data

#### Operating Data

Types of batteries	Lead-Gel, AGM, Acid
Battery voltage	12V, 24V (adjustable)
Battery capacity	60Ah to 500Ah

#### Measurement data battery 1

Voltage measurement range	10V to 30V
Current measurement precision	0.3%
Current measurement range with shunt	charge up to +100A, discharge up to -100A
Designation shunt	100A, 60mV
Power measurement	up to 1.5kW (12V), up to 3kW (24V)

#### Measurement data battery 2

Voltage measurement range	10V to 30V
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#### Measurement data solar

Data with BATCONTROLLER® E interface	MPT320-12, MPT340-12, MPT215-12, MPT290-12, MPT230-12, MPTLAST-290-12, MPTLU-290-12, MPT400-24, MPT440-24
Voltage measurement range	dependent on charge controller
Current measurement range	dependent on charge controller
Power measurement	up to 1kW

#### Features

Display	Display, illuminated (on demand)
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#### General Data

Installation	built-in type
Degree of protection (IEC60529)	built-in IP52
Temperature range	-10°C to + 45°C
Dimensions (W/H/D)	94mm/46mm/95mm
Weight	0.26kg
Enclosure	plastic material
Certificate	conformity EMC89/336/EEC
Manufacturer	MSTE SOLAR