



BATCONTROLLER® X

The microprocessor controlled BATCONTROLLER® X from MSTE is the advanced monitor with a very high measuring accuracy. The monitor measures up to two battery blocks and is useable for all battery systems also in systems with lithium-ion-cells. At the second battery pack voltages up to 600V and currents up to 600A can be measured. The controller is adjustable for 12V, 24V, 36V or 48V battery systems.

The BATCONTROLLER® X calculates, organizes and visualizes the complete energy supply and informs exactly about the present state. Individual system functions will be programmed in 2 switching outputs to manage the equipment or to install the protection devices very easily. Additional there is a trigger function available for an electromechanical protective.

Typical fields of application are caravans, boats and also in bigger battery systems like energy storage and e-cars.

BATCONTROLLER® X	
Technical Data	
Operating data	
Types of batteries	Lead-Gel, AGM, Acid, Lithium-Ion
Battery voltage range	12V, 24V, 36V, 48V
Measurement data battery 1	
Voltage measurement range	10V to 70V
Current measurement range with shunt designation shunt	charge up to +100A, discharge up to -200A 200A, 60mV
Measurement data battery 2	
Voltage measurement range	10V to 70V
Measurement data battery 3	
Active device with integrated shunt	available as an assessor, Plug&Play with RJ45 cable
Voltage measurement range	up to 600V
Current measurement range	charge up to +600A, discharge up to -600A
Special feature	galvanically isolated measurement
Features	
Display	LCD
Display values without active device	charge of battery, battery voltage b1 and b2, charge-/discharge current, charge-/discharge power
Display values with active device	charge of battery, battery voltage b1 and b3, charge-/discharge current, charge-/discharge power
Display values with MSTE POWER-BMS	additional: min./max. cell voltage, min./max. cell temperature
Display values with MSTE BMS	additional: all cell voltages, all cell temperatures
Display values with MPT® charge controller with serial interface	additional: solar current, solar voltage
Switching output 1 und 2	programmable threshold, auxiliary contact 0,1A/230V
Switching output 3	control of a electro-mechanical DC-breaker
General Data	
system software	update is possible
Dimensions (W/H/D)	125mm/80mm/80mm
Weight	250g