

Technical Sheet

LiFePO4 Smart BMS 12,8V 100Ah



FEATURES

- The safest technology, without risk of fire or explosion
- Long useful life
- · Constant improvement of the capacity of storage
- · Geat stability even under extreme loads
- No memory effect, no need to completely cycle

BASIC INFORMATION

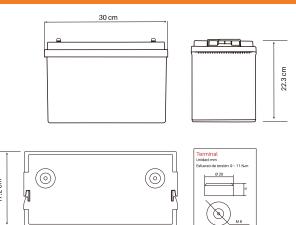
Model	12V-100AH
BMS (Batterie Management System)	Integrated
Rated capacity	100Ah/1280wWh
Number of cycles	≥3000at80%DoD
Weight	11,7kg
Dimensions (L x W x H) mm	330x172x223mm
Operating voltage range	10-14,6V
Rated voltage	12,8V
Warranty	5 years

DISCHARGE

Maximum discharge current	100A
Discharge cut-off current	(5 ~ 15ms) 450A
maximum (5 ~ 15ms)	



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CHARGE

Charging characteristics	CCCV / IU
Charging voltage	14,6V
Recommended charging current	20A
Maximum charge current	50A

TEMPERATURE

Temperature range (discharge)	-20 ~ 60°C
Temperature range (charge)	0 ~ 45°C
Temperature range (storage)	-5 ~ 35 °C
Ingress protection code	IP65

INTELLIGENT MONITORING

Bluetooth From App, you'll be able to view and monitor a number of figures: Standard Capacity, Remaining Capacity, Cell Voltage, Voltage and Current etc.

Connection 4 Series and 4 Parallel connection

MATERIAL

Material of case	ABS
Terminals	M8



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Datum: Nov.2022