

LITHIUM IRON PHOSPHATE BATTERY

Compared with traditional batteries, our lithium iron phosphate batteries (LiFePO4) has many advantages:

- 3-year manufacturer's warranty
- The safest technology, without risk of fire or explosion
- Long service life
- Constantly improving storage capacity
- High stability even under extreme loads
- No memory effect, no need for full charge and discharge cycles
- High performance even under extreme conditions
- Deep and regular discharge and charging efficiency
- Small size and light weight



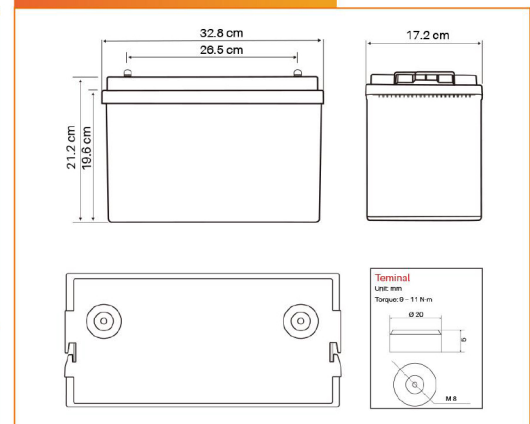
Integrated Bluetooth 4.0 monitoring

You have all important battery data always on your smartphone or tablet. The application displays the data in real time.

SPECIFICATIONS

Basic information	Model	12V 100Ah
	BMS (Battery Management System)	Integrated
	Rated capacity	100Ah / 1280Wh
	Number of cycles	>4000
	Weight	11.7kg
	Dimensions (L x W x H) in mm	328*172*212mm ± 2mm
	Operating voltage range	10 -14.6V
Charge	Rated voltage	12.8V
	Warranty	3-year
	Charging characteristics	CCCV / IU
Discharge	Charging voltage	14.6V
	Recommended charge current	20A
	Maximum charge current	50A
Temperature	Maximum discharge current	150A
	Discharge cut-off current maximum (5 ~ 15ms)	(5 ~ 15ms) 450A
	Temperature range (discharge)	-20 ~ 60 °C
Material	Temperature range (charge) *	0 ~ 45 °C
	Temperature range (storage)	-5 ~ 35 °C
	Ingress protection code	IP65
	Application/ Interconnection	Series and parallel connection for 12V applications.
	Material of case	ABS
Intelligent monitoring	Terminals	M8
	Bluetooth	Bluetooth 4.0 with smartphone app
	Connection	Can be connected in series and parallel

BASIC INFORMATION



BLUETOOTH APP

