

LITHIUM IRON PHOSPHATE BATTERY

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

- 5-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 lightweight

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	12.8V 620Ah
	BMS (Battery Management System)	Integrated JBD 4S 250A, Cells Configuration: 4S2P
	Rated capacity	620Ah / 7936Wh
	Number of cycles	>4000
	Weight	61.6 kg
	Dimensions (L x W x H) in mm	440*318*375 (440*300*375 Excluding terminal)
	Operating voltage range	10~14.6V (4 in Series=40V~58.4V)
	Rated voltage	12.8V each (4 in Series=58.4V)
	Warranty	5-year
Charge	Charging characteristics	CCCV/IU
	Charging voltage	14.6V each (4 in Series=58.4V)
	Recommended charge current	124A (4 in Series=124A)
	Maximum charge current	250A (4 in Series=250A)
Discharge	Maximum discharge current	250A (4 in Series=250A)
	Discharge cut-off current maximum (8~1280ms) (A)	880±150A
Temperature	Temperature range (discharge)	-20 ~ 60 °C
	Temperature range (charge) *	0 ~ 55 °C
	Temperature range (storage) Ingress	-5 ~ 35 °C
	protection code	IP62
	Application/ Interconnection	Series and parallel connection for 12V, 24V, 36V, 48V applications
Material	Material of case	Metal material
	Terminals	M8
Intelligent monitoring	Bluetooth	Bluetooth 4.0 with Smartphone app
	Connection	Can be connected in 4 series and 4 parallel