



Leading Lithium-ion Battery Manufacturer



## LFP Lithium LiFePO<sub>4</sub> Battery Pack

### TSLFP-12.8V100AH

This series is a complete solution for the lithium iron phosphate battery system for the home energy storage field. The system is safe and reliable. It can be used in home storage, industrial and commercial energy storage and other fields.

#### Benefits Of Lithium-ion

- High capacity, low weight, Increased energy
- in given space
- Fast charging
- High operational reliability
- Safest lithium technology
- Excellent long life times
- Built-in intelligent BMS to protect the battery pack at anytime and prolong its service life
- Maintenance free

#### Certifications And Standards

##### A. Products

UL1642(cells), FCC, UN38.3, IEC62619

##### B. MS certifications

ISO9001, ISO14001, OHSAS 18001



#### Parameters:

##### Nominal Characteristic

Battery Model	TSLFP- 12.8V100AH
Nominal Voltage	12.8 V
Typical Capacity	100Ah
Typical Energy	1280Wh
Cells Type / Chemistry	Prismatic-LiFePO <sub>4</sub>
Gravimetric Energy Density	113 Wh/Kg
Dimensions ( W*D*H )	255*168*215 mm
Reference Weight	11.3Kg
Case Material	ABS
Cycle Life	>3000 Cycles ( 100% DoD )

##### Electric Characristics

Charge Method	CC/CV
Charge Voltage Range	13.6~13.8 V
Max .continuous Discharge Current	100 A
Max .continuous Charge Current	100 A
Discharge Pulse Current (10 sec)	200 A
End of Discharge Voltage	10.8 V

##### Charge Temperature

Charge Temperature	0°C~55°C
Discharge Temperature	-20°C~60°C
Storage Temperature	-20°C~60°C
Protection Class	IP65