

## LiFePO4 BATTERY PACK

**FEATURES** Lithium Iron Phosphate (LiFePO4) : the Safest Lithium Technology.  
Integrated Smart Battery Management System (BMS).  
Bluetooth  
SOC LED Indicator.

**PERFORMANCE** Long Cycle Life > 5000 cycles @ 100% DOD.  
High Density, High Discharge Current, High Temperature Range.  
Low Weight, Free Maintenance.  
Fast Charging.  
Environment Friendly.



LFP25.6-200(25.6V200Ah)

### BATTERY DATA SHEET

#### Electrical Parameters

Nominal Voltage	25.6 V
Rated Capacity	200 Ah
Energy	5120 Wh
Resistance	≤ 30m Ω
Efficiency	99%
Cycle Life	> 5000 cycles @ 0.2C, 100% DOD
Self Discharge	2% per Month

#### Mechanical Parameters

Dimension (L x W x H)	522 x 280 x 250 mm
	20.6 x 11 x 9.8"
Weight	40 kg (88.18 lbs)
Terminal Type	M8
Battery Housing	ABS, UL-94 V-0
Housing Protection	IP65
Cell Type-Chemistry	LiFePO4 Cylindrical Cell

#### Discharge Parameters

Continuous Discharge Current	200A
Pulse Discharge Current	600A (3 seconds)
Recommended Volt. Disconnect	20V
BMS Discharge Cut-off Voltage	16V
Reconnect Voltage	18.4V
Short Circuit Protection	200~600 us

#### Charge Parameters

Charge Method	CC-CV
Charge Voltage	28.8~29.6 V
Recommended Float Voltage	27.6 V
Recommended Charge Current	100A
Maximum Charge Current	200A
BMS Charge Cut-off Voltage	15.6V

#### Compliance Certificate

Certifications	UL1642 (MH63377)
	CE
	IEC62133 & CB
	KC
	BIS
Shipping Classification	UN3480, Class 9, UN38.3

#### Temperature Parameters

Discharge Temperature	-40 to 65°C (-22 to 151°F)
Charge Temperature	0 to 45°C (32 to 113°F)
Storage Temperature	-40 to 65°C (-40 to 151°F)
BMS High Temperature Cut-off	80°C (176°F)

