

Lithium Iron Phosphate(LiFePO4) Battery

Specifications



Mdel No.		PS-12100
SPECIFICATIONS		
Dimensions	Length	330mm
	Width	173mm
	Height	216mm
Weight	About12kg	
CHARACTERISTICS		
Nominal Voltage	12.8V	
Nominal Capacity	100Ah	
Nominal Energy	1280Wh	
Internal Impedance	≤ 20mΩ	
Charge Voltage	14.6V	
Discharge Cut-of Voltage	10V	
Standard Charge Current	20A	
Max. Charge Current	100A	
Standard Discharge Current	20A	
Max. Discharge Current	100A	
Peak Discharge Current	200A<SS	
OperatingTemperature	C charge 0 ° C ~ +45 ° C	
	Discharge -20 ° C ~ +55 ° C	



Mdel No.		PS-24100
SPECIFICATIONS		
Dimensions	Length	522mm
	Width	239mm
	Height	218mm
Weight	About22kg	
CHARACTERISTICS		
Nominal Voltage	25.6V	
Nominal Capacity	100Ah	
Nominal Energy	2560Wh	
Internal Impedance	≤ 20mΩ	
Charge Voltage	29.2V	
Discharge Cut-of Voltage	20V	
Standard Charge Current	20A	
Max. Charge Current	100A	
Standard Discharge Current	20A	
Max. Discharge Current	100A	
Peak Discharge Current	200A<SS	
OperatingTemperature	C charge 0 ° C ~ +45 ° C	
	Discharge -20 ° C ~ +55 ° C	

Longer cycle life: 20 times longer cycle life and 5 times longer life than lead-acid batteries, helping to minimize replacement costs and lower overall costs.

Lighter weight: about 40% of the weight of comparable lead-acid batteries. A "drop-in" replacement for lead-acid batteries.

Higher Power: Provides twice the power of lead-acid batteries with a higher discharge rate while maintaining high energy capacity.

Wider temperature range: -20 ° C ~ -60 ° C

Superior Safety: Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high shock, overcharging or short circuit conditions.

Greater flexibility: The modular design can deploy up to four batteries in series and up to ten batteries in parallel.