



Lithium Iron Phosphate (LiFePO4) Battery

IMP-100AH-12V - Product Information					
<b>ELECTRICAL CHARACTERISTICS</b>		Nominal Voltage			12.8v
		Nominal Capacity			100Ah
		Energy			1280Wh
		Cycle Life			2000 +
<b>Standard Charge</b>		Charge Voltage			14.6 ±2%
		Charge Current			20A
		Max. Charge Current			50A
<b>Standard Discharge</b>		Discharge Current			20A
		Max Cont. Current			100A
		Max Surge Current			200A(<3 sec)
		Cut Off Voltage			10.0v
<b>Environmental</b>		Charge Temp.	32°F to 113°F @60 ±25% Relative Humidity		
		Discharge Temp.	-4°F to 140°F @60 ±25% Relative Humidity		
		Storage Temp.	32°F to 113°F @60 ±25% Relative Humidity		
<b>Mechanical Specs</b>		Casing			ABS / IP55
		Dimensions (L-W-H)mm			328/172/215
		Dimensions (L-W-H)In			12.9/6.8/8.5
		Approx. Weight			29 Lbs
		Terminal Connections			M8

APPLICATION
RV - CAMPERS
MARINE
MARINE TROLLING
KAYAK
SOLAR

FEATURES
Internal BMS for protection
Maintenance Free
Cell Balancing
Most STD Charges acceptable
Operate in wider Temp. range

