



Lithium Iron Phosphate (LiFePO4) Battery

IMP-36AH-36V - Product Information					
ELECTRICAL CHARACTERISTICS		Nominal Voltage			38.4v
		Nominal Capacity			36Ah
		Energy			1382.4Wh
		Cycle Life			2000 +
Standard Charge		Charge Voltage			43.2 ±2%
		Charge Current			7A
		Max. Charge Current			30A
Standard Discharge		Discharge Current			7A
		Max Cont. Current			30A
		Max Surge Current			100A(<3 sec)
		Cut Off Voltage			24.0v
Environmental		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		
Mechanical Specs		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

