



Lithium Iron Phosphate (LiFePO4) Battery

IMP-54AH-12V - Product Information					
ELECTRICAL CHARACTERISTICS		Nominal Voltage			12.8v
		Nominal Capacity			54Ah
		Energy			691Wh
		Cycle Life			2000 +
Standard Charge		Charge Voltage			14.6 ±2%
		Charge Current			10.8A
		Max. Charge Current			27A
Standard Discharge		Discharge Current			10.8A
		Max Cont. Current			54A
		Max Surge Current			120A(<3 sec)
		Cut Off Voltage			10.0v
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			229/138/217
		Dimensions (L-W-H)In			9/5.5/8.5
		Approx. Weight			14.7 Lbs
		Terminal Connections			M6

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

