DEEP CYCLE LiFePO4

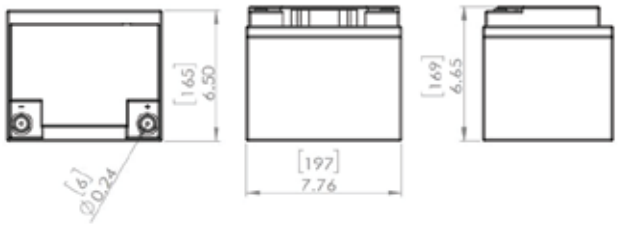
16VM50

16V / 50AH / 800WH

Pro-Guide®

LITHIUM

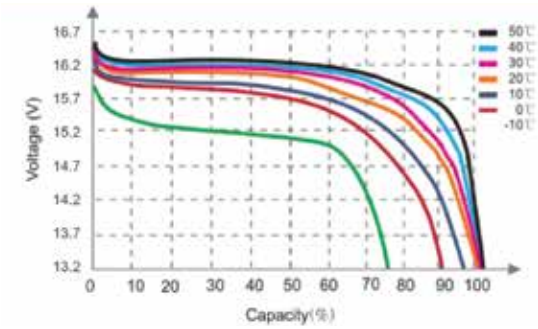




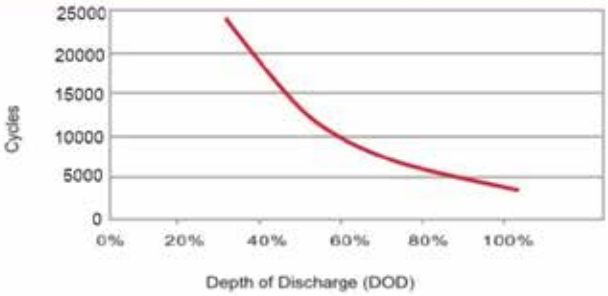
UNIT SPECIFICATIONS

Nominal Voltage	16V	
Rated Capacity	50Ah	
Circuit Protection	Over Charge, Over Discharge, Over Current Over Temp, Short, Balance	
Cycle Life	3000 times Cycles @100% DOD 6000 times @ 80% DOD	
Monthly Self Discharge	Less Than 2%	
Efficiency of Charge	100% @0.5C	
Efficiency of Discharge	96-99% @1C	
Charge Voltage	18.25±0.2V	
Standard Charge Current	10A	
Max Charge Current	25A	
Standard Discharge Current	10A	
Max Continuous Current	50A	
Discharge Cut-Off Voltage	12.5V	
Charge Temperature	0˚C to 55˚C	
Discharge Temperature	-20˚C to 60˚C	@60±25% Relative Humidity
Storage Temperature	-20˚C to 45˚C	
Dimensions	196*166*175*mm	
Case/IP Class	Plastic Case/IP65	
Terminal	M6	
Appx Weight	5.3kg/11.68lbs	

DIFFERENT TEMPERATURE DISCHARGE CURVE (.5C)



DIFFERENT DOD DISCHARGE CYCLE LIFE CURVE



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CERTIFICATIONS: IATF16949; ISO9001; IS14001; ISO18001; UN38.3