LiFePO4 BATTERY

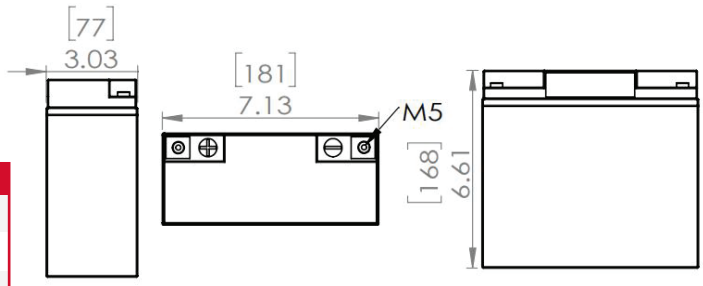
PGLM24

12.8V / 24AH / 307.2WH

Pro-Guide®

LITHIUM

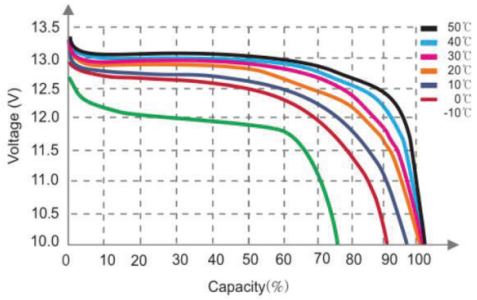




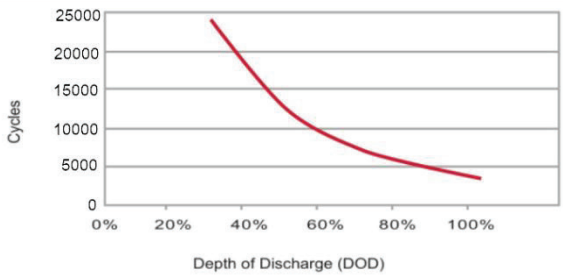
UNIT SPECIFICATIONS

Nominal Voltage	12.8V	
Rated Capacity	24Ah	
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 3%	
Efficiency of Charge	100% @0.5C	
Efficiency of Discharge	96-99% @1C	
Charge Voltage	14.6±0.2V	
Standard Charge Current	4.8A	
Max Charge Current	12A	
Standard Discharge Current	4.8A	
Max Continuous Current	30A	
Peak Current	190A (100ms)	
Discharge Cut-Off Voltage	10V	
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	181*77*168*mm ±2	
Case/IP Class	Plastic Case/IP65	
Terminal	M5	
Appx Weight	2.6kg/5.73lbs	

DIFFERENT TEMPERATURE DISCHARGE CURVE (.5C)



DIFFERENT DOD DISCHARGE CYCLE LIFE CURVE



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