Pro-Guide PGLM46 Lithium Battery Datasheet

Chemistry	Lithium (LiFePO4)
Group Size	U1
Nominal Voltage	12.8 Volts
Capacity (20-hour rate)	46 Ah
Energy	588 Wh
Charging Voltage	14.6 Volts
Recommended Charging Current	10 Amps
Max Charging Current	46 Amps
Terminals	M6 x 1.0 Threaded Inserts
Polarity	+ Left / - Right
Length	7.64" (194 mm)
Width	5.20" (132 mm)
Height	6.81" (173 mm)
Weight	10.14 lbs (4.6 kg)
Low Voltage Cut-Off	10.0 Volts
Discharge Temp Range	-4°F - 140°F (-20°C - 60°C)
Charging Temp Range	32°F - 131°F (0°C - 55°C)
Storage Temp Range	-4°F - 113°F (-20°C - 45°C)
Series Connections	Up to 4 (48V)
Parallel Connections	Up to 4 (184Ah)
Cycle Life	3000+ Cycles @ 80% DOD
Certifications	UN 38.3, CE, RoHS
UPC	810145911075

Information sourced from proguidebatteries.com November 2026 and is subject to change.



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