

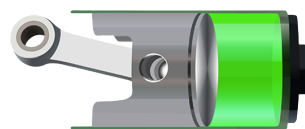
VMAX LFP12120MBH Lithium Battery Datasheet

Chemistry	Lithium (LiFePO4)
Group Size	31
Nominal Voltage	12.8 Volts
Capacity (20-hour rate)	120Ah
Energy	1536 Wh
Max. Continuous Discharge Amps	150 Amps
Max. 3-Second Discharge Amps	300 Amps
Charging Voltage	14.4V - 14.6V
Recommended Charging Current	10A - 75A (15A - 30A Preferred)
Max Charging Current	150 Amps
Terminals	M8 x 1.25 Threaded Inserts
Polarity	+ Left / - Right
Length	13.00" (33.0 cm)
Width	6.89" (17.5 cm)
Height	8.74" (22.2 cm)
Weight	28.7 lbs (13.0 kg)
High Voltage Cut-Off	15.0 Volts
Low Voltage Cut-Off	8.0 Volts
Discharge Over-Current Protection	>150A (10s delay), >400A (1s delay)
Charging Over-Current Protection	>150A (10s delay), >400A (1s delay)
Discharge Temp Range	-4°F - 150°F (-20°C - 66°C)
Charging Temp Range	32°F - 113°F (0°C - 45°C)
Storage Temp Range	-4°F–113°F (-20°C - 45°C)
Heater "On" Temp	32°F (0°C)
Series Connections	Up to 4 (48V)
Parallel Connections	Up to 4 (480Ah)
Cycle Life	100% DOD: ~4000 cycles @ 50A, 77°F
Design Life	~10 Years
Efficiency	>98%
Certifications	CE Certified

Information sourced from vmextanks.com August 2026 and is subject to change.



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