



Cenerius 12V 100Ah Lithium LiFePO4 Deep Cycle Battery

ELECTRICAL PERFORMANCE

Nominal Voltage	12V
Capacity	100 Ah, 1280Wh
Life Cycles	5.000 @80% DOD
BMS Board	Yes (Internal)
BMS Rating	100A BMS
Self-Heating Function	No

MECHANICAL PERFORMANCE

Cell Type	Automotive Grade Cells (Prismatic Cell)
Number of Cells	4
Terminal	M8*16mm(L)
Weight	26.24 lbs (11.9kg)
Dimensions	12.95"(L)X 6.77"(W) x 8.42"(H)(329x172x214mm)
Waterproof Rating	IP65

CHARGE PERFORMANCE

Standard Charge Current	20A
Max Charge Current	100A
Max Continuous Charge Current	50A
Recommended Charge Voltage	14.2V-14.6V
Maximum Batteries in Series	4
Maximum Batteries in Parallel	10
Maximum Configuration	4S4P

DISCHARGE PERFORMANCE

Max Discharge Current	100A
Max Continuous Discharge Current	100A
Recommended Discharge Voltage	10.8V-12.4V
Max Depth of Discharge (DoD)	100%
Max Load/Inverter Power	1280W
Peak discharge current	300A(less than 3 seconds)



TEMPERATURE PERFORMANCE

Operating Temperature (Charge)	0-50°C((32°F - 122°F)
Operating Temperature(Discharge)	-20-60°C(-4°F - 140°F)
Operating Temperature(Storage)	-10-50°C(14°F - 122°F)

COMPLIANCE

Certifications	CE, RoHs, PSE, WEEE
Cenerius deep cycle battery is not designed as a starter battery	
Starting engine is not covered under the warranty	