



Cenerius 12V 12Ah Lithium LiFePO4 Deep Cycle Battery

ELECTRICAL PERFORMANCE

Nominal Voltage	12.8V
Capacity	12.8Ah, 153.6Wh
Life Cycles	5.000 @80% DOD
BMS Board	Yes (Internal)
BMS Rating	12A BMS
Low Temp Cut Off Protection	Yes

MECHANICAL PERFORMANCE

Cell Type	Grade A LiFePO4 Cells (Prismatic Cell)
Number of Cells	8
Terminal	F2
Weight	3.3 lbs (1.5kg)
Dimensions	5.82*3.77*3.77in(150*95*95mm)
Waterproof Rating	IP65

CHARGE PERFORMANCE

Standard Charge Current	2.4A
Max Charge Current	10A
Max Continuous Charge Current	10A
Recommended Charge Voltage	14.2V-14.6V
Maximum Batteries in Series	Not Supported
Maximum Batteries in Parallel	Not Supported

DISCHARGE PERFORMANCE

Max Discharge Current	20A
Max Continuous Discharge Current	12A
Recommended Discharge Voltage	10V
Max Depth of Discharge (DoD)	100%
Max Load/Inverter Power	153.6W
Peak discharge current	20A(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	