



# REVOLUTION POWER AUSTRALIA

LiFePO4 Lithium Battery Specifications

Model: RPL12-100

Product Specification: 12V/100Ah

Specification	General Parameter
Rated Capacity	100Ah
Nominal Voltage	13.2V
Cycle Life (DOD – 80% In Test conditions)	≥2000cycles
<b>Charge Specifications (Lithium profile charger required)</b>	
Charge Voltage	14.6V
Float Voltage	13.6V
Operating temperature range	-40 -/+ 80C
Storage temperature range	-40 -/+ 125C
Maximum Charge	50A
Maximum Voltage cut-off	15.2V
<b>Discharge Specifications</b>	
Discharge Cut-off Voltage	10V
Maximum Continuous Discharge Current	100A
Peak Discharge current	120A (Battery will turn off)
Self-Discharge Rate	≤3%
<b>Physical Characteristics</b>	
Dimensions	Length 305mm
	Height 215mm
	Width 165mm
Weight	12.6 Kg
Waterproof Grade	IP54
Battery Case	ABS + PC

Life cycles are prediction only under ideal conditions. Actual applications and environmental conditions may alter these figures.

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