

RPL12-200 LiFePO₄ Deep-Cycle Lithium Battery

Lighter | **Faster** | **Longer**



3 Years
Replacement
Warranty

Revolution Power Australia's lithium batteries are the ultimate in deep-cycle battery technology delivering unrivalled performance and product life span. Australia's most advanced state of the art Battery Management System (BMS) inbuilt ensures peace of mind, when it comes to battery protection and safety.

- **Lighter Weight:** Up to 1/3 the weight of traditional AGM batteries
- **Faster Recharge:** 5x faster recharge times than AGM's
- **Longer Life Cycle:** Up to 5000 cycles at 50% depth of discharge
- **Extremely Low Self-Discharge Rate:** can sit unused for longer periods of time
- **Purposely Built:** for Caravans, Camper trailers, Motor homes, 4WD, Marine Vessels, Trucks
- **Proudly Australian Owned and Operated**
- **Built-in Battery Management System:** Controls cell balancing, over and under voltage protection, short circuit protection, thermal protection
- **Proven Parallel Ability:** Use in parallel to increase your capacity for longer storage
- **High Discharge Rate:** holds voltage under high discharge
- **Flat Discharge Curve:** longer run time and more efficient
- **Safety:** LiFePO₄ is the safest and most stable of all lithium chemistries reducing associated risks



RPL12-200 LiFePO4 Deep-Cycle Lithium Battery

Electrical Specifications

Total Capacity	250Ah
Usable Capacity (C20, 25°C)	200Ah
C20 Rating (useable Amps to 10.5v)	200Ah
Nominal Voltage	12.8v
Self-Discharge Rate	≤ 3%
Short Circuit Protection	200-500us

Discharge Specifications

Maximum Continuous Discharge	100A
Peak Discharge Current	200A Pulse 2-4 sec
Cell Discharge Rating	0.5C
Discharge Cut Off Voltage	10.0v
Life Cycles 80% DOD	2000
Life Cycles 50% DOD	5000

Operating Temperatures

Optimum Temperature Range	-10 ~ 50 °C
Operational Temperature Range	-40 ~ 80 °C
Storage Temperature Range	-40 ~ 120 °C

Maximum Inverter Size

1000W Per Battery

Mechanical Specifications

Dimension (L x W x H)	485x170x242mm
Weight	25.6Kg
Cell Chemistry	LiFePO4
Case Material	Polycarbonate IP54
Terminal Type	M8

Charge Specifications

Recommended Charge Current	5 - 60A
Maximum Charge Current	60A
Recommended Charge Voltage	14.6V ± 0.2V
BMS Charge Cut Off Voltage	15.6v

Approved For Use In Internal/Enclosed Area

Compliance

Certifications and Testing	ISO9001 Certified
	CE Certified
	RoHS Certified
	UN38.3 Certified
	SGS Audited
	Intertek Audited
	IEC Certified

Dimensions

