



12V SERIES ALL-PURPOSE LITHIUM ION BATTERIES



PYLONTECH

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The Pylontech RV12V Series are newly developed all-purpose lithium ion battery modules, for use as energy storage. With cutting edge LFP (Lithium iron Phosphate) cells, embedded BMS (Battery Management System) and mechanical design, Pylontech RV12V Series product provides inherent safety, extremely high reliability and zero maintenance. Comparing to the same capacity lead-acid based batteries, it has more than twice of the usable capacity, more than 3 times of the life cycle, but only about 40% of the weight. It is a perfect replacement to the lead acid based batteries in the applications such as RV, golf carts and solar storage. RV12V Series product will bring you the perfect experience in different applications.

Application

- Power storage
- Caravan, recreation vehicle
- Replacement of Lead acid battery

Major Features

- Twice the useable capacity (comparing to the same capacity of FLA/AGM/GEL)
- Deep cycle (Auto cut off at 10V)
- Calendar life 10+ years, cycle life 3000 times
- High charging current
- Embedded BMS
- Dual lug terminals
- Zero maintenance
- Working temperature -20 °C to 60 °C
- Rugged mechanical design

Specification

Specification	Basic Parameters	RV12100
Nominal	Nominal Voltage (VDC)	12.8
	Rated Capacity (Ah)	100
	Capacity(Wh)	1280
Physical	Dimension (mm)	300*173*220
	Weight (Kg)	15
Electrical	Charge Voltage (VDC)	14.4
	Charge/Discharge Cut Voltage (VDC)	10~14.8
	Continuous Charge Current (A)	50
	Continuous Discharge Current (A)	100 (Peak)
Others	Working Temperature (°C)	-15~50
	Storage Temperature(°C)	-20~60
	Cycle Life	>3000

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