PYLONTECH



12V SERIES ALL-PURPOSE LITHIUM ION BATTERIES

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The Pylontech RV12V Series are the newly developed all-purpose lithium ion battery modules, which can be used for energy storage as well as starting. With the cutting edge LFP (Lithium iron Phosphate) cell, embedded BMS (Battery Management System) and mechanical design, Pylontech RV12V Series product provides inherent safety, extreme 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 prefect replacement to the lead acid based batteries in the applications such as marine, RV, golf carts and solar storage. RV12V Series product will bring you the perfect experience in different applications.

Application

- Marine power storage and starting
- 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
Low battery warning
Zero maintenance
Working temperature -20 ℃ to 60 ℃
Rugged mechanical design
CE, RoHS, UN38.3, UL and CB

Specification

Specification	Basic Parameters	RV12100
Nominal	Nominal Voltage（V）	12.8
	Rated Capacity (Ah)	100
	Capacity(Wh)	1280
Physical	Dimension（mm）	289*172*187.5
	Weight（Kg）	13
	Group Size	27
Electrical	Charge Voltage (V)	14.8
	Discharge Cut Voltage (V)	10
	Charge / Discharge Current（A）	50
		100 (Peak)
Others	Working Temperature (℃)	-15~50
	Storage Temperature(℃)	-20~60
	Cycle Life	>3000

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