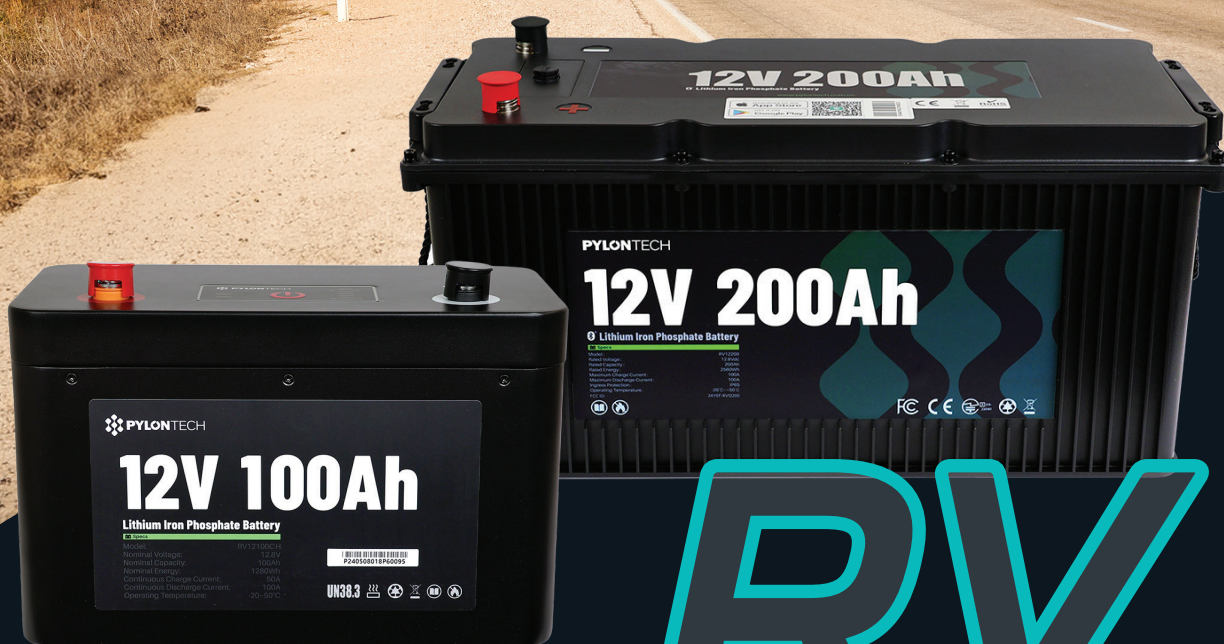




Next 92 km



# RV

## 12V All Purpose Series

**Lithium Iron Phosphate (LiFePO<sub>4</sub>)** battery modules with scalable system capabilities feature exceptional safety and performance in energy storage applications.

SAFETY  
**UN38.3**  
CERTIFIED



SCALABLE



ARRAY AWARE



# PYLONTECH





## RV12100CH

12.8V 100Ah 1280Wh LiFePO4



- ❖ Panel with State of Charge indicator for easy capacity checks and On/Off button to isolate battery when not in use to prevent over-discharge.
- ❖ Expandable to 8 modules in parallel (no series connection).
- ❖ Innovative internal heating film to enable battery charging in sub-zero conditions.
- ❖ Array-aware with self-balancing in multiple module systems.



## RV12200

12.8V 200Ah 2560Wh LiFePO4



- ❖ Bluetooth enabled for status monitoring via your smart phone.
- ❖ Scalable up to 16 modules from 1S16P to 4S4P configurations.
- ❖ Front terminal positioning for easier system installations.
- ❖ Innovative internal heating film to enable battery charging in sub-zero conditions.
- ❖ Array-aware with self-balancing in multiple module systems.

### Range Specifications

Model Number	RV12100CH	RV12200
Nominal Voltage	12.8VDC	12.8VDC
Nominal Capacity	100Ah	200Ah
Resistance	<10mΩ	<10mΩ
Efficiency	99%	99%
Self Discharge	≤3% p/month	≤3% p/month
Max. Batteries in Parallel	8P only	1S16P, 2S8P or 4S4P
Cycle Life	>4500	>4000
Max. Continuous Discharging Current	100A	100A
Peak Discharging Current	200A @ 10 seconds	200A @ 5 seconds
Max. Continuous Charging Current	100A	100A
Recommended Continuous Charging Current	≤50A	≤50A
Recommended Charging Voltage	14V - 14.4V	14V - 14.4V
Dimensions (LxWxH)	300 x 160 x 210mm	459 x 190 x 215mm
Weight	12kg	20.9kg
Terminal Type	M8	M8
Ingress Rating	IP20	IP65



### Pylontech's Auto App

A dual-purpose app for configuring your Pylontech battery\* system, internal heating pad activation and viewing system information. The Pylontech Auto App is required to program the Master Battery in any series or parallel configuration where the total system information can be monitored. \*RV12200 only.

