



# RT

## IP67 All Purpose Series

**Lithium Iron Phosphate (LiFePO<sub>4</sub>)** battery modules with scalable system capabilities, designed for larger system integration and ultimate monitoring and control.

SAFETY  
**UN38.3**  
CERTIFIED

  
SCALABLE

  
ARRAY AWARE

 **PYLONTECH**





## RT12100G31

12.8V 100Ah 1280Wh LiFePO4



- ❖ Bluetooth enabled for status monitoring via your smart phone.
- ❖ IP67 rated case and suitable for marine use.
- ❖ Scalable to 16 modules up to 4S4P configurations.
- ❖ Advanced communication protocols for easy integration into existing systems.
- ❖ On/Off button to isolate battery when not in use.



## RT2450-G31

25.6V 50Ah 2560Wh LiFePO4



- ❖ Bluetooth enabled for status monitoring via your smart phone.
- ❖ IP67 rated case.
- ❖ Scalable up to 16 modules 2S8P or 1S16P configurations.
- ❖ Array-aware with self-balancing in multiple module systems.
- ❖ On/Off button to isolate battery when not in use.

### Range Specifications

Model Number	RT12100G31	RT2450-G31
Nominal Voltage	12.8VDC	25.6VDC
Nominal Capacity	100Ah	50Ah
Resistance	<20mΩ	<10mΩ
Efficiency	99%	99%
Self Discharge	≤3% p/month	≤3% p/month
Max. Batteries in Parallel	1S16P, 2S8P or 4S4P	2S8P or 1S16P
Cycle Life	>4000	>4000
Max. Continuous Discharging Current	100A	50A
Peak Discharging Current	200A @ 5 seconds	100A @ 30 seconds
Max. Continuous Charging Current	100A	50A
Recommended Continuous Charging Current	≤50A	≤25A
Recommended Charging Voltage	14V - 14.4V	28V - 28.8V
Dimensions (LxWxH)	325 x 173.5 x 238mm	325 x 173.5 x 238mm
Weight	12kg	10.6kg
Terminal Type	M8	M8
Ingress Rating	IP67	IP67



### 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.