12V Series
Smart Lithium Iron Batteries

50%
lighter than the lead acid battery of same capacity.

30%
higher than the energy density of the $LiFePO_4$ battery of same capacity.

4000+
More than 4,000 lifecycles to maximum your ROI.

APP
The built-in Bluetooth module allows real-time monitoring via mobile devices.

4S4P
Up to 16 batteries in 4S4P connection, building a battery system with a max. energy output of 40.96 kWh.

Self-heating
The internal heating film allows the battery to be charged in extreme cold.

APPLICATION

RV12200 is designed to replace deep cycle lead-acid batteries. The battery is perfect for recreational vehicles (RV), marine (boats), trucks, cabins, and other off-grid deep-cycle applications.

SEIKI
株式会社セイキ

本　社　〒635-0042　奈良県大和高田市勝目57-1　TEL:0745-53-7027
東京オフィス　〒101-0031　東京都千代田区東神田3-3-11 MOMO3浅草橋ビル6階　TEL:03-6826-2980
info@e-seiki.com

SPECIFICATION

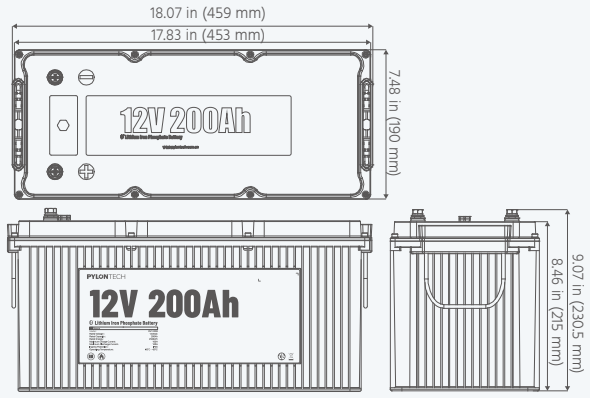
Electrical Specifications	
Nominal Voltage	12.8 VDC
Nominal Capacity	200 Ah
Resistance	< 10mΩ
Efficiency	99%
Self Discharge	≤ 3% per month
Max. Batteries in Parallel or Series	4S4P
Cycle Life	> 4000
Max. Continuous Discharging Current	100 A
Peak Discharging Current	200 A@5 s
Max. Continuous Charging Current	100 A
Recommended Charging Voltage	14 V~14.6 V

Environment Specifications	
Discharging Temperature	-4 °F ~ 140 °F (-20 °C ~ 60 °C)
Charging Temperature	32 °F ~ 131 °F (0 °C ~ 55 °C)
Storage Temperature	-40 °F ~ 140 °F (-40 °C ~ 60 °C)
Operating Temperature	-4 °F ~ 122 °F (-20 °C ~ 50 °C)
Max. Altitute	13123 ft (4000 m)
Relative Humidity	5% ~ 95%

Other	
Certifications	UN38.3
Communication	BLE 5.0
Heating Film	Support
Mobile APP	Pylontech Auto

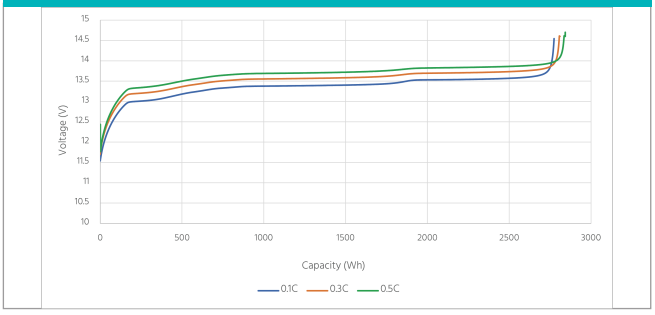
Mechanical Specifications	
Dimensions (L × W × H)	18.07 × 7.48 × 8.46 in (459 × 190 × 215 mm)
Weight	Approx. 46.08 lbs (20.9 kg)
Terminal Type	M8 × 1.25 × 14 mm
Terminal Torque	9 ± 1 Nm
Case Material	PC
IP Rating	IP65
Cell Type-chemistry	$LiFePO_4$

Dimensions

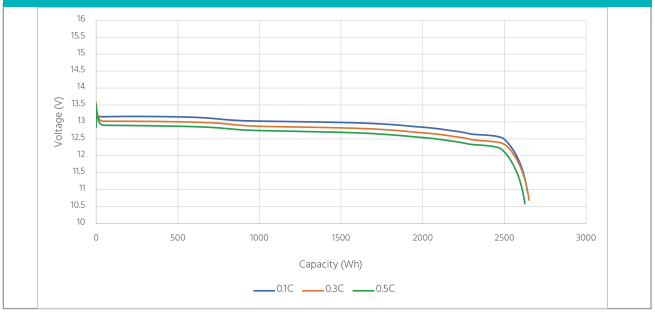


Unit: inch (mm)

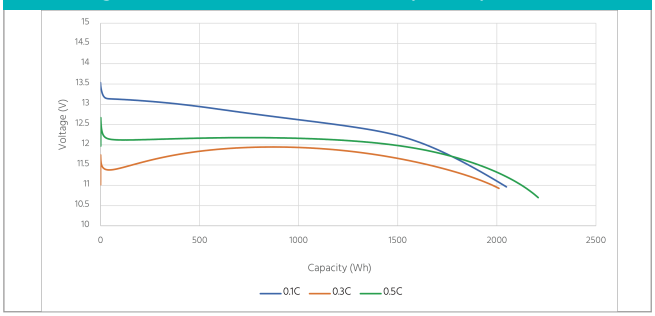
Charge at different rates at 77 °F (25 °C)



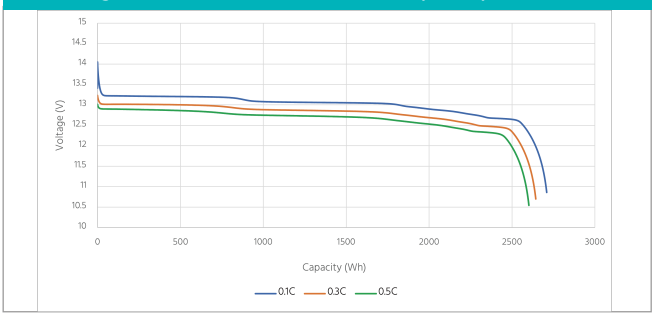
Discharge at different rates at 77 °F (25 °C)



Discharge at different rates at -4 °F (-20 °C)



Discharge at different rates at 122 °F (50 °C)



*Product performance is based on testing in a controlled environment. Your results may vary due to several external and environmental factors.

Download on the App Store
GET IT ON Google Play