

G102-100

Lithium Iron Phosphate Battery (LiFePO4)

High-performance and durable lithium battery for electric boating



Chemistry	Lithium Iron Phosphate (LiFePO4)
Rated Voltage	102.4 V
Capacity	10240 Wh / 100 Ah
Battery Life	3,000 cycles at 80% DOD
Weight	100 kg
Dimensions	680 x 500 x 300 mm (26.8 x 19.7 x 11.8 in)
Cut-off Voltage	83.2 V
Final Charging Voltage	115.2 V
Max Continuous Discharging Current	100 A
Serial Connection	N/A
Parallel Connection	Up to 4 in 1 cluster. Multiple clusters are possible in the system
Cell Configuration	32S1P
Charging Temperature	0°C to 55°C
Discharging Temperature	-10°C to 60°C
Communication	One CAN for ePropulsion motors / One CAN (Two ports) for parallel batteries / One CAN for charger
Shipping Classification	UN3480, Class 9, UN38.3 Certified
Approvals	CE, UKCA, FCC