

# G102-230

## Lithium Iron Phosphate Battery (LiFePO4)

High-performance and durable lithium battery for electric boating



<b>Chemistry</b>	Lithium Iron Phosphate (LiFePO4)
<b>Rated Voltage</b>	102.4 V
<b>Capacity</b>	23552 Wh / 230 Ah
<b>Battery Life</b>	3,500 cycles at 80% DOD
<b>Weight</b>	180 kg (396.8 lbs)
<b>Dimensions</b>	1287 x 366 x 295 mm (50.7 x 14.4 x 11.6 in)
<b>Cut-off Voltage</b>	83.2 V
<b>Final Charging Voltage</b>	115.2 V
<b>Max Continuous Discharging Current</b>	230 A
<b>Serial Connection</b>	N/A
<b>Parallel Connection</b>	Up to 8 in 1 cluster. Multiple clusters are possible in the system
<b>Cell Configuration</b>	32S1P
<b>Charging Temperature</b>	0°C to 55°C
<b>Discharging Temperature</b>	-10°C to 60°C
<b>Communication</b>	One CAN for ePropulsion motors / One CAN (Two ports) for parallel batteries / One CAN for charger
<b>Shipping Classification</b>	UN3480, Class 9, UN38.3 Certified
<b>Approvals</b>	CE, UKCA, FCC
<b>Warranty (Non-Commercial Use)</b>	2 years

\* The specifications are for reference only.