

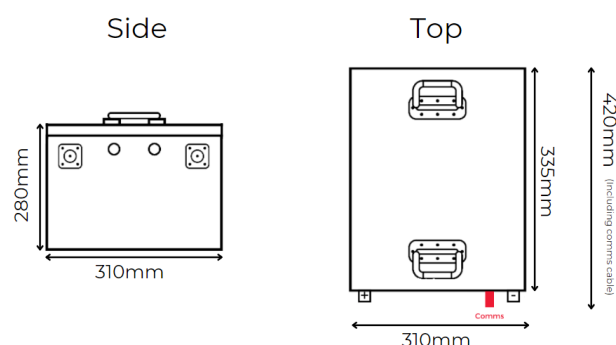


51V 100Ah GOLF BATTERY DATA SHEET



PRODUCT FEATURES

- Ultra Safe Lithium Iron Phosphate (LiFePO₄) Cells
- Integrated Battery Management System (BMS)
- Low Self-Discharge (<3% per month)
- Water and Dust Resistant (IP65)
- Long Life > 3 500 life cycles
- Light Weight - up to 70% lighter
- Compact - up to 50% smaller
- Fast Charging
- Zero Maintenance
- Cost Effective
- Extreme Operating Temperatures
- Includes External Smart LCD Display



TECHNICAL SPECIFICATION

Model		RP-51V-100AH-GC	
Nominal Voltage	51.2 VDC	Charge Current Recommended	Max 20A
Usable Capacity	5120 Wh	Charge Current Quick Charge	Max 50A
Nominal Capacity	100 Ah	Charge Time Recommended Charge	5 hrs
Dimensions (L x W x H) (mm)	335 (420) x 310 x 280	Charge Time Quick Charge	2 hrs
Weight (kg)	43.2 kg	Discharge Current Max Continuous	100A
Terminal Connectors	M8 Terminals	Discharge Current Peak (<25s)	200A
Casing Material	Metal	Discharge Current Peak (< 1s)	300A
IP Rating	IP65	Operating Voltage Range	40 - 58.4 V
Operating Temperature Range	Charge: 0°C to 65°C Discharge: -20°C to 60°C	Max Charge Voltage	57.6 V
Protection	Over-voltage Low Voltage Over Current Over Temperature Low Temperature Short Circuit	Under-Voltage Cut-Out	40 V
Self-Discharge Rate	< 3.5% per month	Over-Voltage Cut-Out	58.4 V
Communication Port	CAN, RS485, Bluetooth	Cell Type	LiFePO ₄ 3.2V 100Ah
Humidity Range	< 95% RH	Cell Configuration	16S1P
Warranty	5 years	Expected Lifespan	10 years > 3500 cycles