



**RED POLE  
ENERGY**

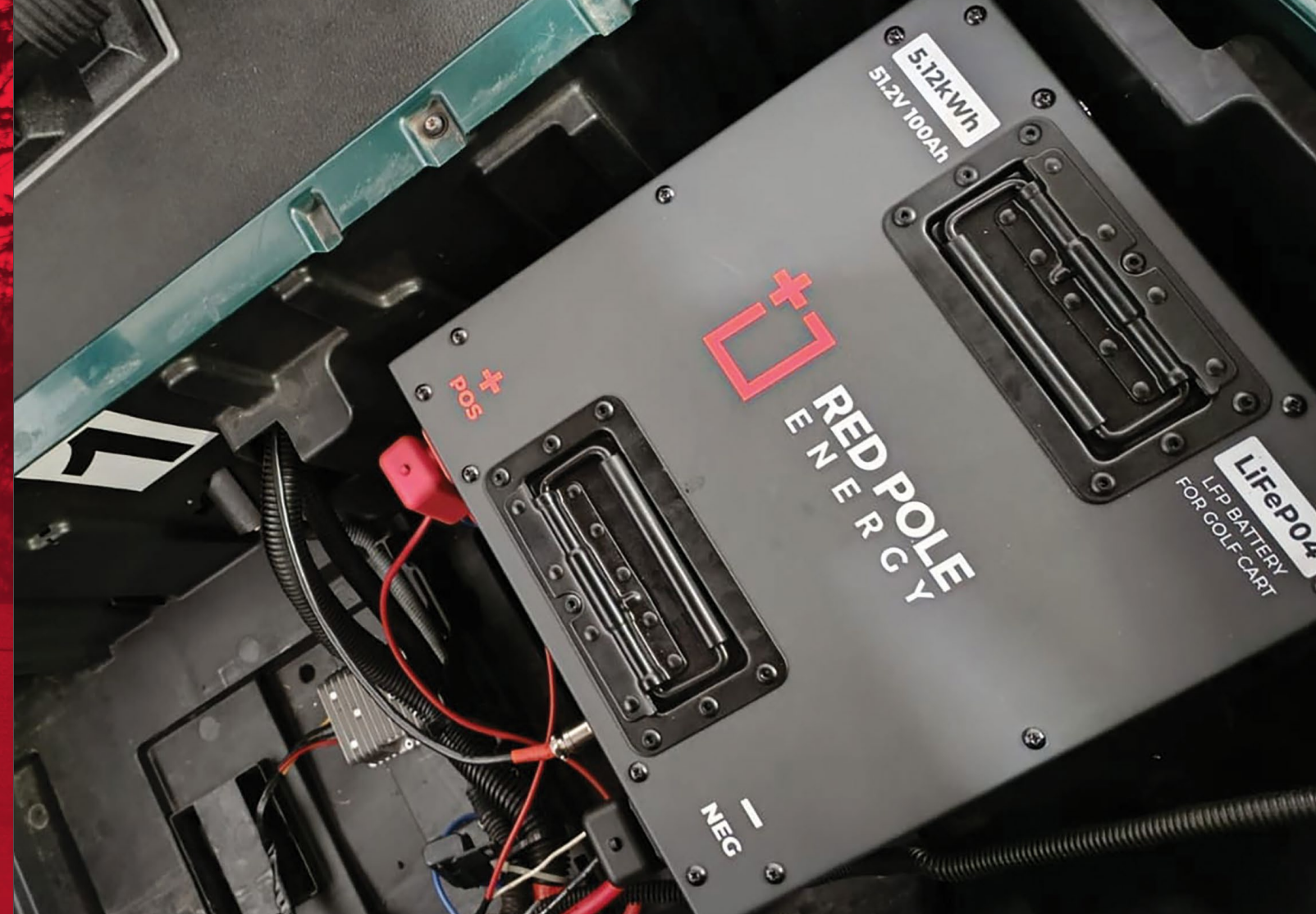


LiFePO4 Battery  
for Golf Carts

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# Your Trusted Lithium Battery Solutions Partner



## LFP Golf Cart Battery

Our golf cart range of Lithium Iron Phosphate battery packs with integrated battery management systems are designed to replace the old lead acid batteries as drop-in replacements in popular golf cart models like the Club Car, EZ-Go, and several others.



## Benefits of LiFePO4 Battery



### Low Self-Discharge

Max 3% per month. Can hold charge for long periods of storage



### Ultra Safe

Multiple protection, thermal and chemical stability



### Long Life

Can charge and discharge >3500 times



### Light Weight

Up to 50% saving in space and 70% saving in weight



### Fast Charging

Up to 2 hrs fast charging time



### Zero Maintenance

No regular maintenance work and costs



### Cost Effective

Up to 70% saving in expenditures



### Extreme Temp Performance

Discharge rate up to 85% at -20°C



# RP36V100AH-GC

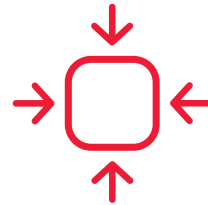
## LiFeP04 Battery



IP65 Waterproof Iron Case Design



Designed to Fit Downhill Recharge



Compact Design



Bluetooth + Communication Design



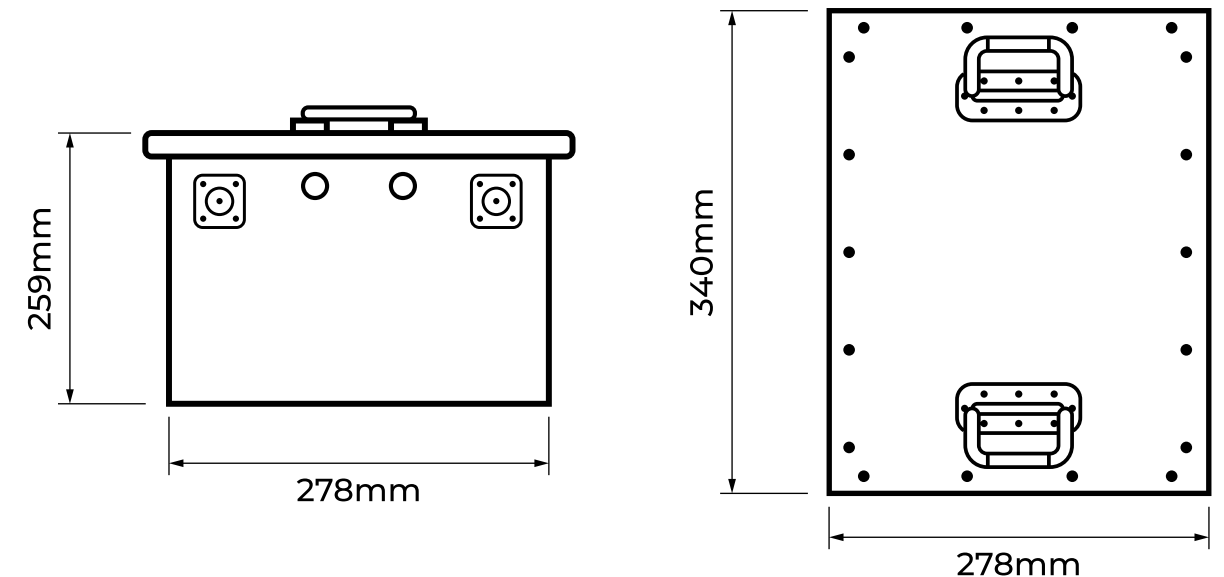
External Monitor Available

### Product Overview



### Technical Specification

Model	RP36V100AH-GC
Nominal Voltage	38.4 VDC
Usable Capacity	3.84 kWh
Nominal Capacity	100 Ah
Operating Voltage Range	30 – 43.8 VDC
Max Charge Voltage	43.8 VDC
Discharge Cut-Off Voltage	30 VDC
Recommended Charge Current	20A (5 hrs)
Max Charge Current	100A (1C)
Discharge Current   Max Continuous	100A (1C)
Discharge Current   Peak (<math><10s</math>)	200A (2C)
Operating Temperature Range	Charge: 0°C to 45°C   Discharge : -20°C to 60°C
Communication Protocols	CAN, RS485, Bluetooth
Battery Weight (Approx.)	35.5 kg
Dimensions	340 x 260 x 280mm



# RP51V100AH-GC

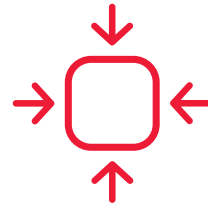
## LiFeP04 Battery



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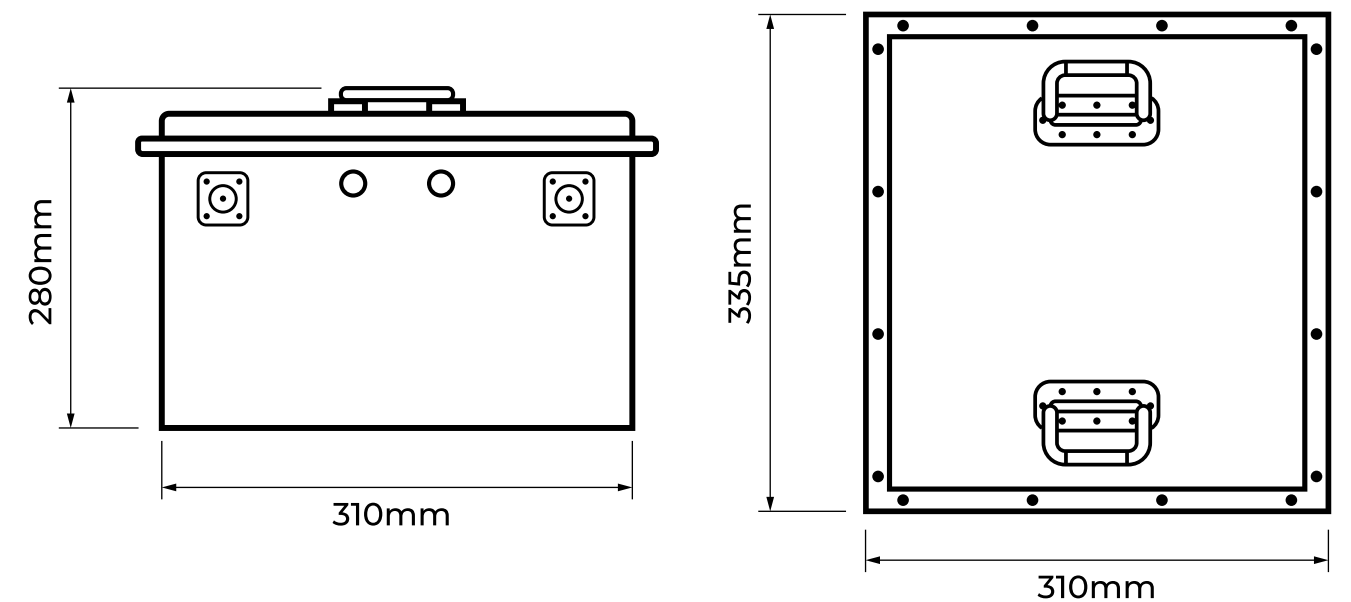
External Monitor Available

### Product Overview



### Technical Specification

Model	RP51V100AH-GC
Nominal Voltage	51.2 VDC
Usable Capacity	5.12 kWh
Nominal Capacity	100 Ah
Operating Voltage Range	40 – 58.4 VDC
Max Charge Voltage	58.4 VDC
Discharge Cut-Off Voltage	40 VDC
Recommended Charge Current	20A (5 hrs)
Max Charge Current	100A (1C)
Discharge Current   Max Continuous	100A (1C)
Discharge Current   Peak (<math>< 10s</math>)	200A (2C)
Operating Temperature Range	Charge: 0°C to 45°C   Discharge : -20°C to 60°C
Communication Protocols	CAN, RS485, Bluetooth
Battery Weight (Approx.)	43.5 kg
Dimensions	335 x 310 x 280mm





**Contact us**

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