



# ROYPow

## Lithium Golf Cart Battery

### S51100LRXP0A (H01-1565)



The 48V ROYPow LiFePO<sub>4</sub> battery system delivers industry-leading durability and performance for golf carts, utility vehicles, AGVs, and LSVs. Engineered for fleets and heavy daily use, 48V ROYPow batteries combines long cycle life, lightweight construction, and robust temperature tolerance to reduce downtime and total operating cost. With 4,000+ life cycles, up to 3× the lifespan of conventional lead-acid batteries, lighter, and more powerful design, it's engineered for more rounds of golf.

## Benefits



Straightforward installation, no modification



Fast Charging



All guaranteed 5-year warranty



Up to 10 years design life



Less wear & tear, and lower maintenance costs



4000+ life cycles



Up to 8 months storage with full charge



High energy density for extended range

## Product Specifications

|                                           |            |                                    |                    |
|-------------------------------------------|------------|------------------------------------|--------------------|
| Nominal Voltage / Discharge Voltage Range | 48V(51.2V) | Nominal Capacity                   | 100 Ah             |
| Stored Energy                             | 5.1 kWh    | Dimension(L×W×H)                   | 390 x 275 x 270 mm |
| Weight kg (No Counterweight)              | ≤50 kg     | Maximum Charge / Discharge Current | 100A / 300A        |
| Continuous Charge / Discharge Current     | 30A / 100A | Discharge                          | -20°C~55°C         |
| Charge                                    | 0°C~55°C   | Storage (1 Year)                   | 0°C~35°C           |
| Storage (1 month)                         | -20°C~45°C | IP Rating                          | IP67               |
| Casing Material                           | Steel      |                                    |                    |

## Dimensions

