

## S51100LRXPOA (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(LxWxH)	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

