









S51150A-A (H01-002154)



The 48V ROYPOW LiFePO₄ 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 | 150 Ah |
| Stored Energy | 7.68 kWh | Dimension(L×W×H) | 800 x 360 x 218 mm |
| Weight kg (No Counterweight) | 65 kg | Maximum Charge / Discharge Current | 40 A / 350 A |
| Continuous Charge / Discharge Current | 30 A / 150 A | 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 | IP65 |
| Casing Material | Steel | | |

Dimensions

