

S51150P-AA (H01-002158)



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 223 mm
Weight kg (No Counterweight)	66 kg	Maximum Charge / Discharge Current	40 A / 315 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

