


S51105L-B (H01-1097)



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	105 Ah
Stored Energy	5.37 kWh	Dimension(LxWxH)	490x334x235 mm
Weight kg (No Counterweight)	50 kg	Maximum Charge / Discharge Current	105 A / 250 A
Continuous Charge / Discharge Current	50 A / 100 A	Discharge	-22°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

