



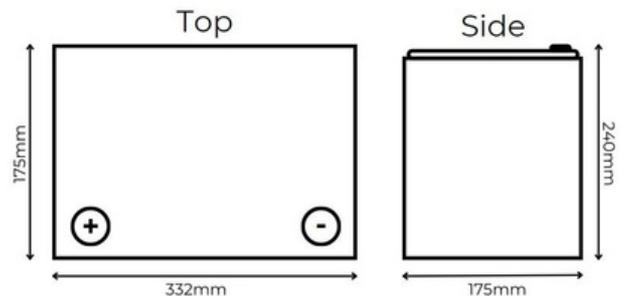
RED POLE  
ENERGY

# 24V 60Ah DATA SHEET



## PRODUCT FEATURES

- Ultra safe lithium iron phosphate (LiFePO4) cells
- Integrated battery management system (BMS)
- Longer service life: >2000 cycles service life
- Deep discharging: Can be 100% drained
- Light weight and compact
- LCD battery voltage & capacity gauge
- Water and dust resistant (IP65)
- Highly durable sealed ABS plastic enclosure
- Sealed and non-liquid (No fumes, no leaking, mount in any position)



## TYPICAL APPLICATION

- • • Single battery replaces 2 x 12v 100Ah deep cycle batteries in a 24v system.
- Long life lithium alternative to 2 x 12v 100Ah lead acid batteries in a 24v system.
- Perfect for 1000W-2400W 24v inverter / chargers
- Backup / load-shedding solution battery

## TECHNICAL SPECIFICATION

Model		RP-24V-60AH	
Nominal Voltage	25.6V	Recommended Discharge Low Voltage	24V
Usable Capacity	1536Wh	Recommended Bulk Charge Voltage	28.8V
Nominal Capacity @ 0.2C	60Ah	Recommended Float Charge Voltage	27.6V
Dimensions (L x W x H) (mm)	328 x 172 x 216	Recommended Float Charge Voltage	< 3.5% per month
Weight (kg)	11.3kg	Self-Discharge Rate	Charge: 0°C to 45°C   Discharge: -20°C to 60°C
Terminal   Connectors	M8 Terminals	Operating Temperature Range	24V - 28.8V
Display	LCD SOC & V	Operating Voltage Range	Over-voltage   Under-voltage   Short circuit
Discharge Current   Max Continuous	60A	Protection	IP65
Peak Discharge Current (< 3s)	120A	IP Rating Casing Material	ABS Plastic
Charge Current   Max Continuous	60A	Expected Lifespan	100%DoD > 2000 cycles   80%DoD > 3000 cycles   50%DoD > 5000 cycles (0.2C charging and discharging, 25°C)
Cell Type	Cylindrical LFP   LiFePO4	Warranty	3 years / 3000 cycles