

# 192V50Ah

## UPS BATTERY



### SAFETY

- + Long life prismatic LFePO<sub>4</sub> cells, over 3000 cycle life and much more safety.
- + Multi-level safety protection design. Major parts have UL certification.
- + Cell certification: UL1642, IEC62619, GB/T 31484/31485/31486, IS16046(Part 2) / IEC62133-2:2017, JET.
- + Battery certification: UN38.3, MSDS.

### DESIGN

- + Suitable for 5KVA to 10 KVA UPS.
- + High energy density and fast charge performance.
- + Run, Alarm indicator light and PC software is provided to read detailed operation information
- + -20~+55°C widely temperature range.
- + Maintenance free.

### SCALABILITY

- + Parallel connection for more energy and prolong the backup time.
- + Standard 19" rack design, flexible and easily installation.

### BATTERY MANAGEMENT SYSTEM (BMS)

- + Independent protection for charge and discharge.
- + Low voltage automatic cut-off function to avoid over-discharge of batteries.
- + RS485, CAN communication port.
- + Over voltage protection, Low voltage protection, Over current protection, Low temperature protection, High temperature, Short circuit protection.

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### Specification

Model	R-LFP192V50Ah
Part Number	
Cell Type and connection	Prismatic LiFePO4 Cell 3.2V50Ah, 1P60S
Nominal voltage [V]	192
Nominal capacity [Ah]	50
Total energy [KWh]	9.6
Max. charging current [A]	50
Charging voltage [V]	207~216
Max. continuous discharging current [A]	70
Recommended discharging current [A]	50
Peak discharging current [A]	90A-60s
End of discharge voltage [V]	168
Product dimension [W*D*H]	430*600*259
Product weight [Kg]	90
Protection class	IP20
Operating humidity	0~95 %RH (No condensing)
Operating temperature range	Charge: 0~+45°C Discharge: -20~+45°C
Communication interface	RS485, CAN
Cycle Life	>3000 (25°C) / >2500 (45°C)
Designed life	10 Years
Protection	Over voltage, Low voltage, Over current, Over Temperature, Low Temperature, Short circuit
Certification	UN38. 3, CE
Parallels Support	Yes, Max. 8 Sets
Seires Support	NO

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## Dimension

