Battery series



L48684-M

51.2V 684Ah | 35.02 kWh

HOME BACKUP | OFF-GRID | SMALL COMMERCIAL

1. **Safe LiFePO4 Chemistry**
   Stable lithium iron phosphate cell system.
2. **Built-in Active Equalization**
   Designed to support consistent cell balancing.
3. **High Current Capability**
   300 A continuous and 600 A instantaneous discharge.
4. **Scalable Storage**
   Supports up to 16 battery units in parallel.
5. **Smart Communication**
   CAN, RS232, RS485, Ethernet, Wi-Fi and Bluetooth.
6. **Long Service Life**
   ≥ 6,000 cycles.

Parameters

Items	L48684-M
Rated Energy	35.02 kWh
Nominal Voltage	51.2 V
Nominal Capacity	684 Ah / 35,020 Wh
Cell Type	LiFePO4
Composition	16S1P
Charging Cut-off Voltage	58.4 V
Discharge Cut-off Voltage	40 V
Max. Continuous Discharge Current	300 A
Instantaneous Discharge Current	600 A
Standard Charging Current	<150 A
Standard Discharge Current	300 A
Display	5.5-inch Touchscreen
Charging Temperature	0°C to 45°C
Discharging Temperature	-20°C to 65°C
Battery Pack Size	550 × 400 × 915 mm
Package Size	630 × 480 × 1115 mm
Net / Gross Weight	218.5 / 250 kg
Communication Interface	CAN / RS232 / RS485 / Ethernet / Wi-Fi / Bluetooth
Balancing Method	Built-in Active Equalization
Parallel Operation	Up to 16 Units
VF Module	Optional
Cycle Life	≥ 6,000 Cycles

Specifications are subject to confirmation in the final sales contract.