

LiFePO4 BATTERY

FLA Series 51.2V 12.5kWh



- ☀️ Long Warranty: 7 Years.
- 🏠 High Scalability: Capacity up to 187.5kWh.
- 🔌 Flexible Installation: Wall-Mounted or Floor-Mounted.
- 🔒 Multiple Protection: Built-in smart BMS and Breaker.
- 🔄 Wide Compatibility: Compatible with leading inverter brands.
- 🔋 LiFePO: Higher safe performance and long cycle life.
- 📶 Built-in WIFI: Remote monitoring of battery pack data.

Specification

Model	FLA48250
Usable Capacity	12.5kWh
Battery Type	LiFePO4
Nominal Voltage	51.2V
Operating Voltage	44.8-57.6V
Recommend Charge/Discharge Current[1]	≤ 150A
Recommend Charge/Discharge Power[1]	≤ 7500W
Maximum Charge/Discharge Current(15s)	200A
Maximum Charge/Discharge Power(15s)	10000W
Depth of Discharge(DOD)	≥ 95%
Scalability	Up to 15 units in parallel
Communication	CAN&RS485
Ingress Protection	IP21
Cycle Life[2]	≥ 6000 Cycles
Charging Temperature Range	0~55°C
Discharging Temperature Range	-20~55°C
Display	LCD+LED
Installation	Wall-Mounted / Floor-Mounted
Protection	Built-in smart BMS, Fuse
Warranty	7 Years
Net Weight(KG)	92±2KG
Gross Weight(KG)	117.2±2KG
Product Dimension(MM)	783*450*274MM
Package Dimension(MM)	900*570*450MM

[1] Recommend charge/discharge current/power is affected by temperature and SOC.
 [2] Test conditions: 0.2C Charging/Discharging @25°C,80% DOD

Connection diagram

