







LiFePO4 BATTERY SYSTEM

FLA 48500



FEATURES

-  Long Warranty: 7 Years.
-  High Scalability: Capacity up to 375Kwh.
-  Flexible Installation: Movable type Floor-Mounted.
-  LiFePO4: Higher safe performance and longer cycle life.
-  Multiple Protection: Built-in smart BMS, Breaker and Fuse.
-  Wide Compatibility: Compatible with leading inverter brands.

PRODUCT PARAMETERS

Model	FLA48500
Usable Capacity	25kWh
Battery Type	LiFePO4
Nominal Voltage	51.2V
Operating Voltage	44.8-57.6V
Recommend Charge/Discharge Current[1]	≤200A
Recommend Charge/Discharge Power[1]	≤10000W
Maximum Charge/Discharge Current(15s)	300A
Maximum Charge/Discharge Power(15s)	15000W
Depth of Discharge(DOD)	≥95%
Scalability	Up to 15 units in parallel(375kWh)
Communication	CAN&RS485
Ingress Protection	IP21
Cycle Life[2]	≥ 6000 Cycles
Charging Temperature Range	0~55°C
Discharging Temperature Range	-20~60°C
Display	LCD+LED
Installation	Floor-Mounted
Protection	Built-in smart BMS, Breaker, Fuse
Warranty	7 Years
Net Weight(KG)	218KG
Gross Weight(KG)	248KG
Product Dimension(MM)	718*380*990MM
Package Dimension(MM)	825*498*1162MM
[1] Recommend charge/discharge current/power is affected by temperature and SOC.	
[2] Test conditions: 0.2C Charging/Discharging @25°C,80% DOD	

Convenient CAN&RS485 Communication

