

LiFePO4 BATTERY SYSTEM

LPBA Series 48500

48V



PRODUCT PARAMETERS

Model	LPBA48500
Capacity	25kWh
Battery Type	LiFePO4
Nominal Voltage	51.2V
Operating Voltage	48-57.6V
Recommend Charge/Discharge Current[1]	≤200A
Recommend Charge/Discharge Power[1]	≤10,000W
Maximum Charge/Discharge Current(15s)	300A
Maximum Charge/Discharge Power(15s)	15,000W
Depth of Discharge(DOD)	≥ 95%
Scalability	Up to 12 units in parallel(300kWh)
Communication	RS485 / CAN
Protection Level	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
[1] Recommend charge/discharge current/power is affected by temperature and SOC.	
[2] Test conditions: 0.2C Charging/Discharging @25°C , 80% DOD.	



Front view

side view

Convenient
CAN&RS485 Communication

