



LiFePO4 BATTERY SYSTEM

LPBA-OL

FEATURE



Scalable



99% Faradic charge efficiency



IP65 protection level



Small occupied area



90%DOD



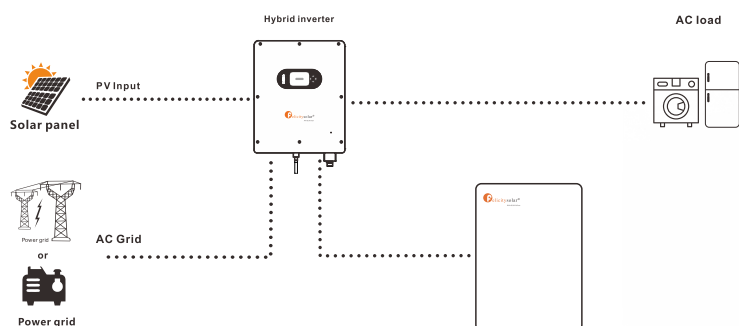
Cycle life > 6000 times



Floor or wall mounting



LiFePO4 battery



PRODUCT PARAMETERS

Model	LPBA48100-OL	LPBA48200-OL
Total Energy [kWh]	5.12	10.24
Usable Energy [kWh] (90%DOD)	4.6	9.2
Capacity [Ah]	100	200
Nominal Voltage [V]	51.2	51.2
Voltage Range [V]	48-57.6	48-57.6
Max Power [kW]	2.5	5.0
Peak Power [kW] (for 10 sec.)	5.0	10
Scalable	1~6 in parallel	1~6 in parallel
Communication	CAN,RS485	CAN,RS485
Enclosure Protection Rating	Ip65	Ip65
Working Temperature Range [°C]	-10 ~ 50	-10 ~ 50
Dimension [W x H x D, mm]	650/440/150	900/560/150
Weight [Kg]	48	90
Cycle Life	>6,000 Cycle@ 80% DOD / 25°C / 0.5C, 60%EOL	
Warranty	5 years/10 years	
Certification	IEC62619,UL1973,UN38.3,CE	

