



LiFePO4 BATTERY SYSTEM

LPBA48100-OH

FEATURE



Scalable



99% Faradic charge efficiency



IP65 protection level



Small occupied area



DOD 90%DOD



Cycle life > 6000 times



Floor or wall mounting



LiFePO4 battery

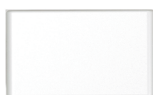
LPBA48100-OH

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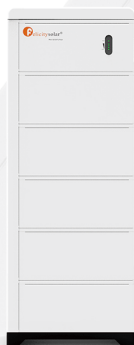


PRODUCT PARAMETERS

Model	LPBA48100-OH4	LPBA48100-OH5	LPBA48100-OH6	LPBA48100-OH7	LPBA48100-OH8	LPBA48100-OH9	LPBA48100-OH10
System Demo							
	LPBA48100-OH (5.12kwh,51.2V,50kg)						
	4	5	6	7	8	9	10
	20.48	25.6	30.72	35.84	40.96	46.08	51.2
	18.4	23	27.6	32.2	36.8	41.4	46
	204.8	256	307.2	358.4	409.6	460.8	512
	230.4	288	345.6	403.2	460.8	518.4	576
	192	240	288	336	384	432	480
	530*480*875	530*480*1050	530*480*1225	530*480*1400	530*480*1575	530*480*1750	530*480*1925
	220	270	320	370	420	470	520
Battery Module	LPBA48100-OH (5.12kwh,51.2V,50kg)						
Number of Modules	4	5	6	7	8	9	10
Total Energy [kWh]	20.48	25.6	30.72	35.84	40.96	46.08	51.2
Usable Energy [kWh] (90%DOD)	18.4	23	27.6	32.2	36.8	41.4	46
Nominal Voltage [V]	204.8	256	307.2	358.4	409.6	460.8	512
MAX. Charge Voltage [V]	230.4	288	345.6	403.2	460.8	518.4	576
MIN. Discharge Voltage [V]	192	240	288	336	384	432	480
Dimension [W x H x D, mm]	530*480*875	530*480*1050	530*480*1225	530*480*1400	530*480*1575	530*480*1750	530*480*1925
Weight [Kg]	220	270	320	370	420	470	520
Max. Chargeing Current [A]	50						
Max. Discharge Current [A]	50						
Communication	CAN,RS485						
Enclosure Protection Rating	IP65						
Working Temperature Range [°C]	-10 ~ 50						
Cycle Life	>6,000 Cycle@ 80% DOD / 25°C / 0.5C, 60%EOL						
Warranty	5 years						
Certification	IEC62619,UL1973,UN38.3,CE						



Top view



Front view



Side view

LPBA48100-OH

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