



LiFePO4 BATTERY SYSTEM

LPBA48050-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

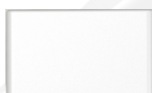


LPBA48050-OH

web:www.felicitysolar.com/web:www.felicitysolar.cn

PRODUCT PARAMETERS

Model	LPBA48050-OH4	LPBA48050-OH5	LPBA48050-OH6	LPBA48050-OH7	LPBA48050-OH8	LPBA48050-OH9	LPBA48050-OH10
System Demo							
	LPBA48050-OH (2.56kwh,51.2V,31kg)						
	4	5	6	7	8	9	10
	10.24	12.8	15.36	17.92	20.48	23.04	25.6
	9.2	11.5	13.8	16.1	18.4	20.7	23
	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
	540*322*950	540*322*1160	540*322*1370	540*322*1580	540*322*1790	540*322*2000	540*322*2210
	136	167	198	229	260	291	322
Battery Module	LPBA48050-OH (2.56kwh,51.2V,31kg)						
Number of Modules	4	5	6	7	8	9	10
Total Energy [kWh]	10.24	12.8	15.36	17.92	20.48	23.04	25.6
Usable Energy [kWh] (90%DOD)	9.2	11.5	13.8	16.1	18.4	20.7	23
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]	540*322*950	540*322*1160	540*322*1370	540*322*1580	540*322*1790	540*322*2000	540*322*2210
Weight [Kg]	136	167	198	229	260	291	322
Max. Chargeing Current [A]	25						
Max. Discharge Current [A]	25						
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

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