Felicitysolar®

Make life full of hope



51.2V

Low-voltage LiFePO4 Battery

LPBA Series

Features

- Remote Monitoring via Fsolar APP
- Max. 32 Units in Parallel
- Peace of Mind with Fire Proection Module (LPBA48200/250WG1)
- Wall-mounted / Floor-mounted Installation
- ≥ 6000 Cycle Life
- 7-year Warranty



LPBA48100WG1 LPBA48100WG1-P LPBA48200/250WG1

Guangzhou Felicity Solar Technology Co.,Ltd.

www.felicitysolar.com sales@felicitysolar.com

No. 2, Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou, China **(Only 10 Mins from Baiyun International Airport)**

Official Website Facebook

Model	LPBA48100WG1	LPBA48100WG1-P	LPBA48200WG1	LPBA48250WG1
Battery Type	LiFePO4			
Nominal Energy	5.12kWh	5.12kWh	10.24kWh	12.8kWh
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Operating Voltage	44.8~57.6V	44.8~57.6V	44.8~57.6V	44.8~57.6V
Max. Continuous Charge/Discharge Current[1]	Charge 100A Discharge 120A	Charge 100A Discharge 100A	Charge 180A Discharge180A	Charge 150A Discharge230A
Peak Charge/Discharge Current	150A @ 15s	150A @ 15s	250A @ 15s	300A @ 15s
Max. Charge/Discharge Power	Charge 5100W Discharge 6100W	Charge 5100W Discharge 5100W	Charge 9200W Discharge 9200W	Charge 7700W Discharge 12kW
Depth of Discharge(DOD)	95%			
Scalability	Up to 32 units in parallel			
Communication	CAN2.0, RS485,WIFI,Bluetooth			
Protection Level	IP21			
Cycle Life	⩾6000@ 25°C			
Operating Temperature	Charge 0~55°C Discharge -20~55 °C			
Display	LED			
Installation	Wall-Mounted, Floor-Mounted			
Protection	BMS, Fuse, Breaker, MX+OF			
Warranty[2]	7 Years			
Net Weight	48kg	43.5kg±3%	82KG	86KG
Gross Weight	54kg	48.5kg±3%	103KG	106KG
Product Dimension	565×390×182mm	635x380x182mm	625X390X259MM	625X390X259MM
Package Dimension	664×494×261mm	733x484x261mm	744X514X436MM	744X514X436MM

[1] The current is affected by temperature and SOC.

[2] Condition apply,refer to Felicitysolar Warranty Letter.

Product Display



Real-time Monitoring



Max. 32 Pcs in Parallel



Over-voltage Trip Protection



Longer Lasting LiFePO4 Battery

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