felicitysolar®

Make life full of hope



51.2V

LiFePO4 Battery Pack

FLA-EU Series

Features

- LiFePO4: higher safe performance and longer cycle life.
- Multiple protection with built-in smart BMS, breaker and fuse.
- Flexible Installation: floor-mounted.
- Compatible with leading inverter brands.
- Scalable expansion up to 15 pcs in parallel.
- Built-in WiFi for remote monitor the battery pack data.
- Equipped with an aerosol fire extinguishing system.
- Easily replace the battery fuse when it blows.



FLA48280-EU/48300-EU

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

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Model	FLA48280-EU	FLA48300-EU
Battery Type	LiFePO4	
Nominal Energy	14.3kWh	15kWh
Nominal Capacity	280Ah	300Ah
Nominal Voltage	51.2V	
Operating Voltage	44.8-57.6V	
Max. Continuous Charge/Discharge Current [1]	150A	
Peak Charge/Discharge Current (15s)	300A	200A
Max. Charge/Discharge Power (15s)	7,500W	10,000W
Scalability	Max. 15 pcs in Parallel(214.5kWh)	Max. 15 pcs in Parallel(225kWh)
Depth of Discharge(DOD)	⩾95%	
Display Type	LCD	
Protection Degree	IP21	
Working Temperature Range	Charge: 0°C~55 °C	
	Discharge: -20°C~55 °C	
Storge Temperature Range	0°C~+35°C	
Humidity	5%~95%	
Communication	RS485/CAN	
Cycle Life	⩾ 6000 Cycles	
Installation	Floor-Mounted	
Protection	Built-in Smart BMS, Breaker, Fuse	
Warranty Period	10 Years	
Certification	UN38.3	UN38.3、CE-EMC
Product Weight	135KG	
Package Weight	160KG	
Product Dimension	480X1100X300MM	
Package Dimension	1150X635X498MM	

[1] Max. Continuous Charge/Discharge Current is Affected by Temperature and SOC.

*Product specifications may vary during continuous improvements. Please contact us for latest details.

*Refer to Felicitysolar's Warranty Policy for applicable conditions.

Product Display



Real-time Status via LCD Display



Aerosol Fire Extinguishing System



Support 15 Pcs in Parallel



Built-in WiFi/Bluetooth
for Remote Monitoring

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