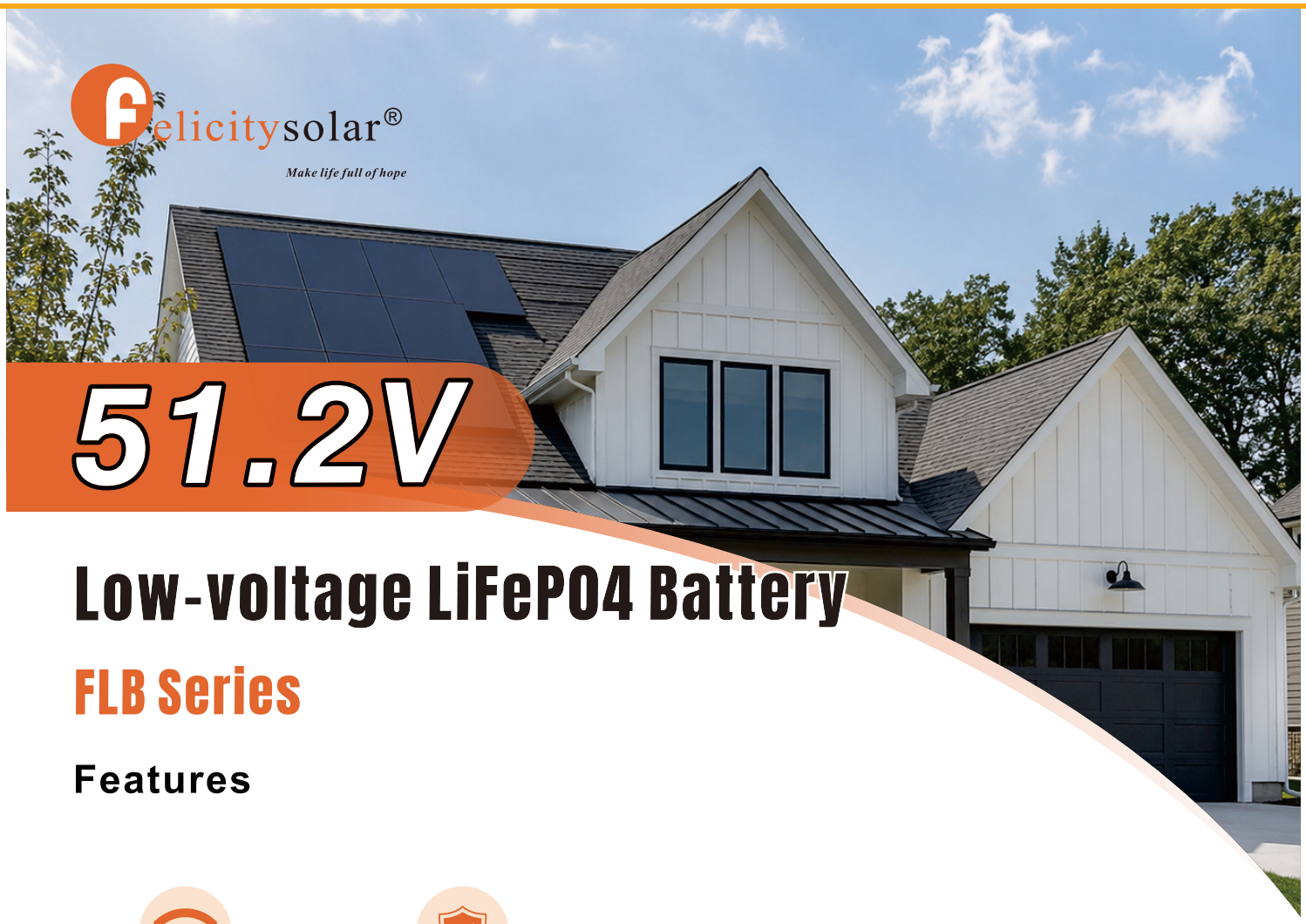


51.2V

Low-voltage LiFePO4 Battery

FLB Series

Features

- Remote Monitoring via FSolar APP
- IP65-rated Protection
- Peace of Mind with Fire Protection Module
- CCS Technology for More Stable Performance
- Max.32 Units in Parallel
- Heating module for restoring battery to its working temp



FLB48100/48230WG1-H

FLB48206WG1-H

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

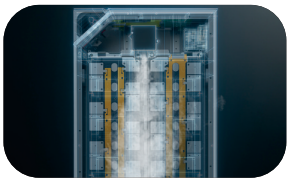
Facebook

Model	FLB48100WG1-H	FLB48206WG1-H	FLB48230WG1-H
Battery Type	LiFePO4		
Nominal Energy	5.12kWh	10.5kWh	11.7kWh
Nominal Capacity	100Ah	206Ah	230Ah
Nominal Voltage	51.2V		
Operating Voltage	44.8~57.6V		
Max. Continuous Charge/Discharge Current[1]	100A	160A	150A
Peak Charge/Discharge Current(15s)	150A	300A	200A
Scalability	Max. 32 pcs in Parallel(163.84kWh)	Max. 32 pcs in Parallel(336kWh)	Max. 32 pcs in Parallel(374.4kWh)
Depth of Discharge(DOD)	⩾95%		
Display Type	LED		
Protection Degree	IP65		
Working Temperature Range	Charge/Discharge: -20°C~+55 °C		
Storge Temperature Range	0°C~+35°C		
Humidity	5%~95%		
Altitude	⩽ 2,000m		
Communication	CAN2.0/RS485/WIFI/Bluetooth		
Protection	Built-in smart BMS, Breaker, Fuse, Thermal Runaway Management System	BMS, Fuse, Breaker, MX+OF, Thermal Runaway Management System	Built-in smart BMS, Breaker, Fuse, Thermal Runaway Management System
Cycle Life	⩾6,000 Cycles(25°C +2°C,0.5C/0.5C,90%DOD,70%EOL)		
Installation	Wall-Mounted / Floor-Mounted		
Warranty Period	10 Years		
Certification	UN38.3	UN38.3	UN38.3
Product Weight	48.5KG	91.5KG	91KG
Package Weight	53KG	101KG	111KG
Product Dimension	650X450X174MM	715×450×258MM	683X450X258MM
Package Dimension	752X552X253MM	808×546×352MM	778X548X438MM

[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.

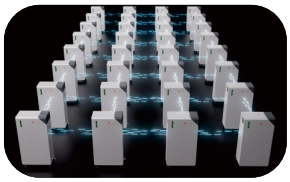
Product Display



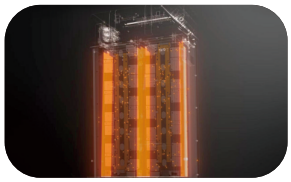
Aerosol Fire Extinguishing System



IP65 Protection Level



Scalable expansion up to 32 pcs in parallel



Thermal Module