

51.2V

LOW-voltage LiFePO4 Battery

FLA Series

Features



Remote Monitoring
via FSolar APP



Peace of Mind with
Fire Protection Module



Max. 15 pcs
in Parallel



Easy Fuse
Replacement Design



10-year Warranty



≥ 6000 Cycle Life



FLA48206WG1-EU

Model	FLA48206WG1-EU
Battery Type	LiFePO4
Nominal Energy	10.5kWh
Nominal Voltage	51.2V
Operating Voltage	44.8-57.6V
Max. Continuous Charge/Discharge Current [1]	Charge 160A Discharge 160A
Peak Charge/Discharge Current (15s)	300A @15s
Max. Charge/Discharge Power (15s)	Charge 8200W Discharge 8200W
Scalability	Max. 15 pcs in Parallel(157.5kWh)
Depth of Discharge (DOD)	≥95%
Communication	CAN2.0/RS485/WIFI/Bluetooth
Protection Degree	IP21
Cycle Life	≥6,000 @25°C
Charging Temperature Range	0°C~+55 °C
Discharging Temperature Range	-20~55°C
Display Type	LCD+LED
Installation	Wall-Mounted / Floor-Mounted
Warranty Period	10 Years
Protection	BMS, Fuse, Breaker, MX+OF
Product Weight	87KG
Package Weight	98KG
Product Dimension	787×450×249MM
Package Dimension	900×568×344MM

[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



Built-in WiFi/Bluetooth for Remote Monitoring



Aerosol Fire Extinguishing System



Support Wall Mounted Installation



Wide Inverter Compatibility

