

51.2V

LOW-voltage LiFePO4 Battery

FLA-EU Series

Features



Remote Monitoring
via FSolar APP



Peace of Mind with
Fire Protection Module



14.3kWh~214.5kWh
Scalable Capacity



Easy Fuse
Replacement Design



High Compatibility with
Leading Inverter Brands



≥ 6000 Cycle Life



FLA48280TG2-EU



Model	FLA48280TG2-EU
Battery Type	LiFePO4
Nominal Energy	14.3kWh
Nominal Voltage	51.2V
Operating Voltage	44.8-57.6V
Max. Charge/Discharge Current[1]	150A/150A
Peak Charge/Discharge Current	200A@15S
Max. Charge/Discharge Power	7700W/7700W
Scalability	Max. 15 pcs in Parallel
Depth of Discharge(DOD)	≥95%
Communication	CAN2.0,RS485,WIFI,Bluetooth
Protection Degree	IP21
Cycle Life	≥ 6000 @25°C
Charging Temperature Range	0°C~+55 °C
Discharging Temperature Range	-20°C~+55 °C
Display Type	LCD+LED
Installation	Floor-Mounted
Protection	Built-in smart BMS, Breaker, Fuse, MX+OF
Warranty Period[2]	10 Years
Net Weight	118.5KG
Gross Weight	140.5KG
Product Dimension	435X880X247MM
Package Dimension	960X555X450MM

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

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

Product Display



Built-in WiFi / Bluetooth for Remote Monitoring



Aerosol Fire Extinguishing System



External Battery Fuse Design



Longer Lasting LiFePO4 Battery



Support 15 Pcs in Parallel

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Official Website



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