

51.2V

LOW-voltage LiFePO4 Battery

FLA Series

Features



Remote Monitoring
via FSolar APP



20.48kWh~307.2kWh
Scalable Capacity



Easy Fuse
Replacement Design



Over-voltage
Trip Protection



Peace of Mind with
Fire Protection Module



High Compatibility with
Leading Inverter Brands



FLA48400TG1



Model	FLA48400TG1
Battery Type	LiFePO4
Nominal Energy	20.48kWh
Nominal Voltage	51.2V
Operating Voltage	44.8-57.6V
Max. Charge/Discharge Current[1]	Charge 200A Discharge 250A
Peak Charge/Discharge Current	300A @ 15s
Max. Charge/Discharge Power	Charge 10.2W Discharge 13kW
Depth of Discharge(DOD)	95%
Scalability	Up to 15 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	LCD+LED
Installation	Floor-Mounted
Protection	BMS, Fuse, Breaker, MX+OF
Warranty[2]	7 Years
Net Weight	144kg
Gross Weight	167kg
Product Dimension	960×450×265MM
Package Dimension	1040×570×481MM

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

[2] Refer to Felicitysolar's Warranty Policy for applicable conditions.

Product Display



Real-time Monitoring



External Fuse Design



Max. 15 Pcs in Parallel



≥6000 Long Cycles Life

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Official Website



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