



20 kWh Low-Voltage LiFePO4 Battery

FLA48392TG2-EU

Multi-layer protection, high-current performance and flexible scalability deliver dependable energy storage for high-demand homes



High-Current Performance

Up to 200A charging and 250A discharging meet higher household power demands

Multi-Layer Protection

Smart BMS, fuse, circuit breaker and aerosol fire suppression ensure comprehensive protection

Smart & Flexible

Connect up to 15 units in parallel, with Wi-Fi and Bluetooth for convenient remote monitoring

Built to Last

≥10,000 cycles and a 10-year warranty provide lasting reliability and ownership confidence

Smart BMS

Fire Protection

Up to 15 Units
in Parallel

≥10,000
Life Cycles

10-Years
Warranty

Guangzhou Felicity Solar Technology Co.,Ltd.

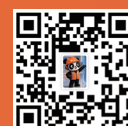
 No. 2, Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou, China
(Only 10 Mins from Baiyun Airport)

 www.felicitysolar.com

 sales@felicitysolar.com



Official Website



Social Media

FLA48392TG2-EU

Battery Specifications		
Model	FLA48392TG2-EU	
Nominal Energy		20kWh
Nominal Capacity		392Ah
Battery Type		LiFePO4
Nominal Voltage		51.2V
Operating Voltage		44.8-57.6V
Recommend Charge/Discharge Current		Charge 100A Discharge 125A
Max. Charge/Discharge Current[1]		Charge 200A Discharge 250A
Peak Charge/Discharge Current		300A @ 2mins
Max. Charge/Discharge Power		Charge 10.2kW Discharge 12.8kW
Depth of Discharge (DOD)		95%
Scalability		Up to 15 units in parallel
Communication		CAN2.0, RS485, WIFI, Bluetooth
Protection Level		IP21
Cycle Life		≥10000 @ 25°C
Operating Temperature		Charge 0~55°C / Discharge -20~55°C
Storage Temperature		0~35°C
Display		LCD+LED
Installation		Floor-Mounted
Protection		BMS, Fuse, Breaker, MX+OF
Warranty [2]		10 Years
Energy Throughput [2]		62 MWh ^[3]
Net Weight		150.5kg±3%
Gross Weight		179kg±3%
Product Dimension		960×450×265mm
Package Dimension		1040×570×481mm
[1] The current is affected by temperature and SOC.		
[2] Condition apply, refer to Felicitysolar Warranty Letter.		
[3] 25°C±2°C/77°F±3.6°F , 60%EOL.		

Recommended Settings (Without Communication)		
Setting	FLA48392TG2-EU	
Max. Charging Voltage		57.6V
Floating Charging Voltage		57.6V
Max. Charging Current		200A*N
Cut-off Voltage		44.8V

Notes: "N" means the number of battery packs connected in parallel.

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and Unlock Exclusive Felicity Gifts.

INSTALL

SHARE

EARN





Scan to Join

Event Details