



10kWh High-Capacity 24V Battery

FLA24400WG2

A high-capacity, powerful and scalable 24V battery designed for home backup and off-grid energy storage.



More Capacity, Fewer Units

A single 25.6V / 400Ah battery delivers 10kWh of energy for a simpler system setup

Powerful Energy Delivery

Up to 200A charging and 250A discharging provide strong power support for demanding loads

Multi-Layer Protection

Multi-layer electrical and fire protection for enhanced safety

Smart & Flexible

Smart monitoring and flexible installation for easier use

Smart BMS

Fire Protection

Up to 15 Units

8,000
Life Cycles

7 Years
Warranty

Guangzhou Felicity Solar Technology Co.,Ltd.

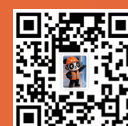
 No. 2, Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou, China
(Only 10 Mins from Baiyun Airport)

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Official Website



Social Media

FLA24400WG2 | 10kWh LiFePO4 Battery

Battery Specifications	
Model	FLA24400WG2
Nominal Energy	10kWh
Battery Type	LiFePO4
Nominal Voltage	25.6V
Operating Voltage	22.4-28.8V
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 5100W / Discharge 6400W
Depth of Discharge (DOD)	95%
Scalability	Up to 15 units in parallel
Communication	CAN2.0, RS485, WIFI, Bluetooth
Protection Level	IP21
Cycle Life	≥8000 @ 25°C
Operating Temperature	Charge 0~55°C / Discharge -20~55°C
Storage Temperature	0~35°C
Display	LCD+LED
Installation	Wall-Mounted, Floor-Mounted
Protection	BMS, Fuse, Breaker, MX+OF
Warranty [2]	7 Years
Energy Throughput [2]	22 MWh ^[3]
Net Weight	83.5kg ±3%
Gross Weight	101kg ±3%
Product Dimension	589x450x289mm
Package Dimension	705x570x464mm
[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, 70% EOL.	

Recommended Settings (Without Communication)	
Setting	FLA24400WG2
Max. Charging Voltage	28.8V
Floating Charging Voltage	28.8V
Max. Charging Current	200A*N
Cut-off Voltage	22.4V

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

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