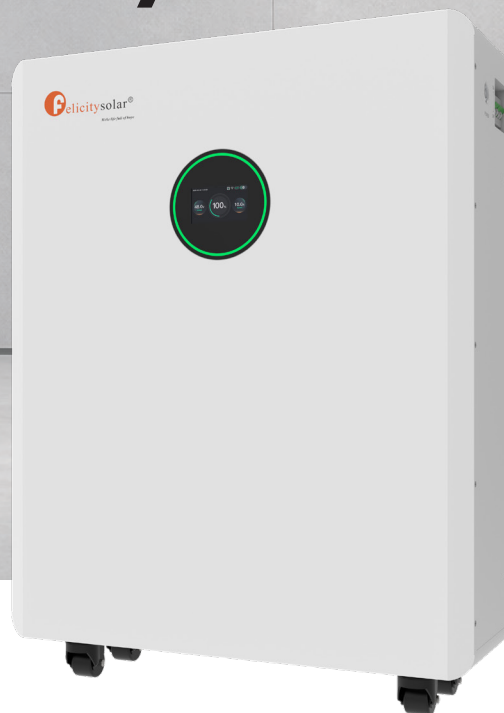




32kWh High-Capacity Low-Voltage Battery

FLA48628TG2

Powered by 628Ah LiFePO4 cells, delivering greater energy capacity, powerful performance and flexible scalability for high-energy-demand applications.



More Energy in One Pack

32kWh Capacity with Fewer Battery Units, Powered by 628Ah LiFePO4 Cells

Powerful 18kW Performance

18kW Power for Homes and Small Businesses

Built for Lasting Reliability

8,000+ cycles, 95% DOD and multi-layer electrical protection support dependable long-term operation

Scalable and Smart

Expand up to 15 units in parallel, with CAN 2.0, RS485, Wi-Fi and Bluetooth connectivity

51.2V

Low Voltage

628Ah

Nominal Capacity

95%

Depth of Discharge

8,000+

Life Cycles

7 Years

Warranty

Guangzhou Felicity Solar Technology Co.,Ltd.

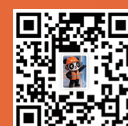
 No. 2, Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou, China
(Only 10 Mins from Baiyun Airport)

 www.felicitysolar.com

 sales@felicitysolar.com



Official Website



Social Media

FLA48628TG2 | 32kWh LiFePO4 Battery

Battery Specifications	
Model	FLA48628TG2
Nominal Energy / Capacity	32kWh / 628Ah
Battery Type	LiFePO4
Nominal Voltage	51.2V
Operating Voltage	44.8-57.6V
Recommend Charge/Discharge Current	Charge 175A / Discharge 175A
Max. Charge/Discharge Current [1]	Charge 350A / Discharge 350A
Peak Charge/Discharge Current	400A @ 2mins
Max. Charge/Discharge Power	Charge 18kW / Discharge 18kW
Depth of Discharge (DOD)	95%
Scalability	Up to 15 units in parallel
Communication	CAN2.0, RS485, WIFI, Bluetooth
Protection Level	IP21
Cycle Life	≥8,000 @ 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]	7 Years
Energy Throughput [2]	70 MWh [3]
[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	FLA48628TG2
Max. Charging Voltage	57.6V
Floating Charging Voltage	57.6V
Max. Charging Current	350A*N
Cut-off Voltage	44.8V

INSTALLER REWARDS

Install More. Earn More.

Join the Global Installer Rewards Program and Unlock Exclusive Felicity Gifts.

INSTALL

SHARE

EARN

 Amazon Gift Card

 Cash Reward

 Branded ToolKit

 Exclusive Power Bank

 Battery Pack

 Scan to Join

 Event Details