



## Deep Cycle Domestic Battery Energy Storage 48V 3kW Domestic Solar Power Storage

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Qiyuan
- Certification: CE, IEC, MSDS, UN38.3
- Model Number: TXF48-3k
- Minimum Order Quantity: 10
- Price: USD/CNY, Unit
- Packaging Details: wooden case
- Delivery Time: 1-2 months
- Payment Terms: L/C, T/T
- Supply Ability: 100 set per month



### Product Specification

- Battery Type: LiFePO4 Battery
- Warranty: 3 Years
- Application: Home Storage System
- Rated Voltage: 48V
- Capacity: 100AH To 1200Ah
- Power: 3-5KW
- Color: Black, White Shell Or Customized
- Type: Deep Cycle Battery
- Terminal: Copper Terminal
- Cycle Life: More Than 2000 Cycles
- Material: Eco Friendly
- Design Life: 8-10 Years
- Highlight: **deep cycle Domestic Battery Energy Storage,  
48v domestic solar power storage,  
3kw domestic solar power storage**

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## Product Description

### Product Features

Use high stability lithium iron phosphate batteries, passed CE, UL certification, safe and reliable;  
 Voltage, current, temperature detection and protection function and short circuit protection function, as well as the meter function;  
 Battery capacity and cyclic number calculation function;  
 Wide working temperature range, the discharge temperature range can reach to 20 °C to 50 °C;  
 Low voltage switch and sleep and wake up function, have remote communications sensei function;  
 LCD and LED display functions available;  
 Parallel communication function, RS485 communication and PC monitoring function, and CAN communication;  
 Charging current limit and pre-charge functions, capable of parallel with multiple units (compatible with old & new batteries), can be customized to parallel with lead-acid batteries;  
 Historical data record function;  
 Built-in automatic fire extinguishing system, enhanced secure;  
 Supports communication with most inverters in the market, supports change of communication protocols;

Model	TXF25.6-200BG	TXF51.2-100BG	TXF51.2-200BG	TXF51.2-100JJ	TXF25.6-100JJ
Capacity WH	5120	5120	20240	5120	2560
Rated voltage V	25.6	51.2			25.6
Charging current A	120	100	100	100	120
Charging current limit A	120	100	100	100	120
Max discharging current A 3min	150	120	120	120	150
Charging voltage V	28.8	57.6			28.8
Protection voltage V	20	40			20
Display	LCD screen + LED lights				
Cooling	Natural air				
Protection level	IP40				
Relative humidity	0~95%				
Working temperature	Charge 0~45°C,discharge -20~50°C				
CAN	Configurable				
RS485	Configurable				
Noise	0dB				
Parallel application	Support				
Structure	Wall mounted			Rack design	
Dimension mm	380*685*170	380*685*170	660*685*170	482*460*176	482*460*176



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