



48V 5kW Domestic Solar Battery Storage Lifepo4 Stack Battery

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Qiyuan
- Certification: CE, IEC, MSDS, UN38.3
- Model Number: TXF48-5k
- 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: **48v domestic solar battery storage, 5kW domestic solar battery storage, lifepo4 stack battery**

Product Description

All In One(Hybrid Inverter+Battery)is suitable for villa, communication base station,communication room,move charging station ,farm etc.

Input (PV)						
Max. PV Input Power	4.6kW	4.6kW	6kW	6kW	7kW	7kW
Max. PV Input Voltage	550V					
MPP Voltage Range	125V ~ 500V					
Max. PV Input Current	14A					
Number of MPP Trackers /	2 / 1					
Output (AC)						
Max. Output Current	13A	16A	17.4A	20A	21.7A	26A
Rated Power	3kW	3.6kW	4kW	4.6kW	5kW	5.6kW
Rated Voltage	230V, L + N + PE					
Operating Voltage Range	180V ~ 270V					
Rated Frequency	50Hz / 60Hz					
Power Factor	1(0.99 lagging ~ 0.99 leading)					
Output (EPS)						
Rated Power	3kVA	3.6kVA	4kVA	4.6kVA	5kVA	5.6kVA
Rated Voltage	230Vac					
Rated Current	13A	16A	17.4A	20A	21.7A	26A
Rated Frequency	50Hz / 60Hz					
Overload Capability	110%, 60s / 120%, 30s / 150%, 10s					
THDU	<2%					
Battery						
Charge / Discharge Current	95A / 62.5A	95A / 76.6A	95A / 83.3A	95A / 95.8A	95A / 110A	
Battery Type	Lithium Iron Phosphate					
Battery Module	Customizable					
Battery Capacity	2.4kWh ~ 14.4kWh					
Max. Parallel Batteries	6					
Life Span	> 10 years (25°C/77°F)					
Efficiency						
Max. DC Efficiency	97.60%					
MPPT Efficiency	99.90%					
Communication						
Display	LCD					
Communication	standard: RS485 / CAN / DRM optional: WiFi / Lan					
Standard Compliance						
Safety	IEC 62109-1&-2, IEC 62477, CE-EMC					
General Data						
Dimensions (W x H x D)	580 x 1800 x 350 mm					
Weight	70kg					
Operation Temperature	-10°C ~ +60°C					
Cooling Method	Forced Air Cooling					
Protection Degree	IP20					
Noise Emission	< 50dB					
Max. Operating Altitude	5000m (derating above 2000m)					
Relative Humidity	15% ~ 85% (non-condensing)					
Topology	Transformerless					



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