



## 5KW 300AH Domestic Battery Power Storage LiFePo Battery 48v Stack Battery

### Our Product Introduction

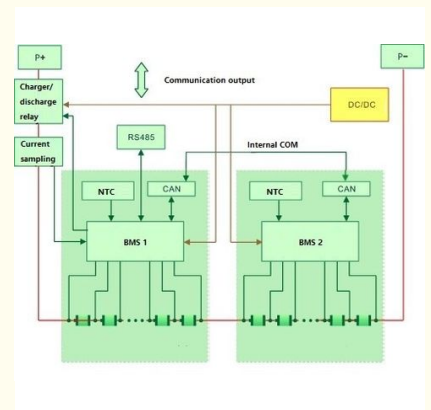
#### Basic Information

- Place of Origin: China
- Brand Name: Qiyuan
- Certification: CE, IEC, MSDS, UN38.3
- Model Number: TDD5K-300AH
- 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
- Output Power: 5KW
- Capacity: 100AH To 1200Ah
- 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: **5kw domestic battery power storage, 300AH domestic battery power storage, 48v stack battery**



## Product Description

This product specification applies to the company's lithium iron phosphate battery pack, which is suitable for inverter, photovoltaic inverter, UPS applications. The specification, size, performance, maintenance and test method of the product are specified.

Item	Specifications	Remarks
Model number	TDD-512-52AH	
Rated voltage (V)	51.2 * N	
Rated capacity (Ah)	52AH	25C 0.5C Discharge
Maximum charging voltage (V)	56*N (configurable)	
Maximum protection voltage for charge (V)	58.4 * N	
Minimum protection voltage V	40*N	
Maximum charging current (A)	50	
Standard charging current (A)	25	
Maximum continuous discharge current (A)	50	
Peak discharge current (A)	75	Within 5S
Number of cell cycle lives	6000	
Ambient temperature for charging (° C)	0 ~ 45	
Discharge operating environment temperature (° C)	- 20 ~ 50	
Ambient humidity	0 ~ 95%	
Protection level	IP43	

Noise dB	0	
<b>Control box parameters</b>		
Product model number	TDDK102-512-50	
Standard DC voltage range VDC	102 ~ 512	
Control box maximum current A	50	
Ac input voltage VAC	90~265V	
Elevation m	4000	
Power distribution switch	There are	
Display	5"	
Communication method	RJ45, RS485, CAN	
Cooling method	Natural cooling	
Size (mm)	600 * 300 * 190	Net size
Weight (kg)	15KG	Net weight
<b>Battery module</b>		
Product model number	TDDM51.2-52	
Rated voltage (V)	51.2	
Rated capacity (Ah)	52	
Maximum charging voltage (V)	57.6	
Maximum protection voltage of charge (V)	58.4	
Minimum protection voltage V	40	
Maximum charging current (A)	50	
Standard charging current (A)	25	

Maximum continuous discharge current (A)	50	
Peak discharge current (A)	75	
Size mm	600 * 300 * 170	
Weight KG	31	
	<b>Base</b>	
Size	595 * 295 * 40	
Weight KG	5	



**Ningbo Qiyuan New Energy Co., Ltd**



18858073356



tony@qygen.com



batteriesback-up.com