

# Wall mount

Energy Storage Lithium Battery



WALL MOUNT



PARALLEL



COMMUNICATION



OEM/ODM

Household energy storage products use high-quality square aluminum shell lithium iron phosphate cells, with intelligent battery management system(BMS), Long cycle life, High safety performance, Beautiful appearance, Free combination, and convenient installation.

The battery pack is equipped with LCD display for visualization of operating data. Compatible with most brands solar inverter and be able to communicate with it. It is widely used in distributed PV systems and home energy storage systems. Provide efficient and clean energy for household, industrial, commercial, agricultural and other electrical equipment.

## Technical Parameters

Model	DTW4850		DTW48100		DTW48200	
Specification	48V50Ah	51.2V50Ah	48V100Ah	51.2V100Ah	48V200Ah	51.2V200Ah
Combination	15S1P	16S1P	15S1P	16S1P	15S1P	16S1P
Capacity	2.4KWh	2.56KWh	4.8KWh	5.12KWh	9.6KWh	10.24KWh
Standard discharge current	50A	50A	50A	50A	50A	50A
Max. discharge current	100A	100A	100A	100A	100A	100A
Working voltage range	40.5-54VDC	43.2-57.6VDC	40.5-54VDC	43.2-57.6VDC	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC	48VDC	51.2VDC	48VDC	51.2VDC
Max. charging current	50A	50A	50A	50A	100A	100A
Max. charging voltage	54V	57.6V	54V	57.6V	54V	57.6V
Cycle	3000~6000cycles @DOD 80%/25%/0.5C					
Working humidity	65±20%RH					
Operating temperature	-10~+50?					
Working altitude	=2500m					
Cooling method	Natural cooling					
Installation	Wall mount					
Protection level	IP20					
Max of parallel	15PCS					
Warranty	5~10 Years					
Communication	Default : RS485/RS232/CAN Optional : WiFi/4G/Bluetooth					
Certified	CE ROHS FCC UN38.3 MSDS					
Product Size	400*200*585mm		400*230*585mm		400*230*610mm	
Package Size	500*260*630mm		500*290*630mm		460*250*650mm	
Net weight	35kg	40kg	42kg	46kg	102kg	106kg
Gross weight	40kg	45kg	50kg	54kg	112kg	116kg

\*Voltage, capacity, size/color customization, OEM/ODM services can be provided according to customer needs



LOW VOLTAGE  
PROTECTION



OVER VOLTAGE  
PROTECTION



OVER CURRENT  
PROTECTION



OVER  
TEMPERATURE  
PROTECTION



BALANCED  
PROTECTION



OVER  
DISCHARGE  
PROTECTION



SHORT CIRCUIT  
PROTECTION