







TOWER ENERGY STORAGE SERIES

Wall Mounted Energy Storage Series

-  Longer service life
-  High cycle life
-  Built in circuit protection
-  Quick recharge
-  Extreme heat tolerance
-  Lightweight



51.2V 105AH

Model Model	BW-48105A	BW-48184A	BW-48230A	BW-48304
Main Parameter				
Cell Technology	Lithium-iron Phosphate (LiFePO4)			
Nominal Energy	5376Wh	9420Wh	11776Wh	15565Wh
Round-Trip Efficiency	98%			
Scalability	Max.15 Modules in Parallel			
Dimensions(L/W/H)	538*398*230.5mm (21.18x15.66x9.07")	655x555x178mm (25.78x21.85x7.01")	635*416*280mm (25x16.37x11.023")	760*500*280mm (29.92x19.68x11.02")
Weight	55kg (121.25 lbs)	80kg (176.37lbs)	95kg (209.4 lbs)	110kg (242.51 lbs)
Warranty	5 Years Product Warranty			
	10 Years Performance Warranty			
Electrical Parameter				
Nominal Voltage	51.2V			
Nominal Capacity	105Ah	184Ah	230Ah	304Ah
Series or Parallel Connection	16S1P			
Maximum Charge Current	100A	100A	200A	200A
Charge Current (-20 to -10 °C)	≤0.05C			
Recommended Charge Voltage	56V-57.6V			
BMS Charge Voltage Cut-Off	57.6V (3.75±0.025vpc)			
Reconnect Voltage	54.6V (3.34 ±0.05vpc)			
Case Material	Metal			
Enclosure Protection	IP54			
Maximum Continuous Discharge Current	100A	100A	200A	200A
Nominal Capacity	105A	105A	230A	230A
Reconnect Voltage	45V			
Discharge Temperature	-20 to 60°C (-4 to 140 °F)			
Charge Temperature	0 to 45°C (32 to 113 °F)			
General Parameter				
Cycle Life	≥6000 Times (80%DoD)			
Service Life	10 Years Performance Warranty			
Protection Rating	IP54			
Display	SOC Status Indicator, LED Indicator			
Communication	RS485, RS232, CAN			
Charge Temperature Range	0°C-60°C (Under 0°C extra heating mechanism)			
Discharge Temperature Range	负20°C~60°C (Under 0°Cwork with reduced capacity)			
Storage Temperature Range	负40°C~55°C @ 60%±25% relative humidity			
Compatible Inverters	Victron、Pylon、Deye、SMA、Growatt、Goodwe、MPP、Voltronicpower、Pchne、Sofarsolar、Megarevo、Tbbpower、ARUN、Schneider Etc.			

* Compatible tests with different brands of inverter are continuously, updates will be periodically
 ** Under specific test conditions.