



# WALL/FLOOR -MOUNTED

JB5K-BW48 / JB10K-BW48



## Convenient

Easy installation  
(Wall-mounted / Floor-mounted)



## Flexible

Support 2-6 modules in parallel  
(5-30kWh capacity)



## Safe

Intelligent BMS with three-level  
security protection



## Longevous

LFP battery, 6000+ life cycles



## Efficient

DoD > 90%, Conversion rate > 95



## Compatible

Compatible with mainstream  
communication protocol

# JB-BW Series

Joulebank

MODEL	JB5K-BW48	JB10K-BW48
<b>BATTERY</b>		
Rated Capacity	5.12kWh	10.24kWh
Nominal Voltage	51.2Vdc	
Installation Method	wall-mounted or floor-mounted	
Battery Type	Li-ion (LFP)	
<b>ELECTRICAL PERFORMANCE</b>		
Operating Voltage	42-58.4Vdc	
Battery Roundtrip Efficiency	>95%	
Standard Power	2.5KW	5KW
Max Power	5KW	10KW
Recommend Charge/Discharge Current	50A	100A
Max Charge/Discharge Current	100A	160A
Cycle Life	6000+	
<b>TEMPERATURE PERFORMANCE</b>		
Discharge Temperature	-20~60 °C	
Charge Temperature	0 ~ 55 °C	
Storage Temperature	0 ~ 35 °C	
<b>GENERAL DATA</b>		
Shipment SOC	30%	
Module Parallel	Up to 16 units	
Humidity	4%~100% (condensing)	
Altitude	<2000m	
Protection	IP21	
Capacity retention & recovery	Charge retention rate ≥ 95%, Recovery rate of charge ≥ 97%	
Communication Port	RS485/CAN/Dry-contact; Optional: Bluetooth, WIFI	
Display	LED+LCD	
Dimensions (L*W*H)	515x190x632mm	515x190x1100mm
Weight	52KG	86KG
Safety	CE, IEC62619, UL1973, ROHS, REACH	
UN Number	UN3840	
Hazardous Materials Classification	Class 9	
Transport Testing Requirement	CE, UN38.3	

\*1: Test conditions, cell Voltage 2.7~3.65V, 0.5C charge & discharge at +25±2 °C for battery system at beginning life.

System Usable Energy may vary with different Inverter.

\*2: Test conditions, 90% DOD, 0.5C charge & discharge at +25±2 °C.

\*3: Nominal Dis-/Charge Current and power derating will occur related to Temperature and SOC.

\*4: Please visit Joulebank website for the latest certificates.