

BOLTRONZ

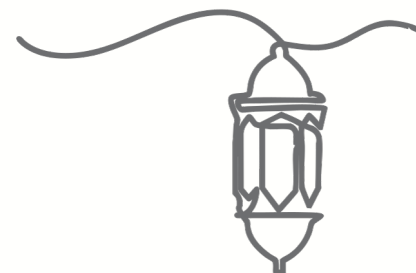
LITHIUM ION BATTERY

PRODUCT DESCRIPTION

The Boltronz Series offers a versatile and reliable power solution. Combine up to 15 units for energy capacities ranging from 2560Wh to 10240Wh. With WiFi Remote Monitoring, stay connected and in control. Whether it's wall-mounted convenience, stacked-mounting (up to 5 units) for space efficiency, or rack-mounted for industrial power management, this series offers seamless adaptability.

PRODUCT FEATURES

- 3-in-1 Wall-mounted, Stacked-mounted, Rack-mounted (optional)
- Large capacity, high power output
- Safest lithium iron phosphate battery cell with high energy density
- Modular design: supports up to 15 units in parallel
- IP21 protection for indoor use: Wall-mounted, Stacked-mounted, Rack-mounted (optional)
- Support CAN & RS485 communication with mainstream inverters
- Local monitoring via LCD monitor
- Built-in WiFi Smart BMS Module



RANGE - BLB 24100, BLB 24200,
BLB 48100 & BLB 48200

PRODUCT SPECIFICATIONS

TECHNICAL DATA		BLB-24100		BLB-24200		BLB-48100		BLB-48200	
Nominal Voltage		25.6V				51.2V			
Nominal Capacity		100Ah		200Ah		100Ah		200Ah	
Nominal Energy		2560Wh		5120Wh		5120Wh		10240Wh	
Life Cycles		6000 cycles @ 80% DOD, 25°C							
Recommended Charge Voltage		29.2V				58.4V			
Recommended Charge Current 20A 40A		20A		40A		20A		40A	
End Of Discharge Voltage		22V				44V			
Standard Method	Charge	20A		40A		20A		40A	
	Discharge	50A		100A		50A		100A	
Maximum Continuous Current	Charge	100A		150A		100A		150A	
	Discharge	100A		150A		100A		150A	
BMS Cut-Off Voltage	Charge	29.2 V (3.65V/Cell)				58.4 V (3.65V/Cell)			
	Discharge	22.0V (2s) (2.75V/Cell)				44.0V (2.75V/Cell)			
Temperature	Charge	0 ~ 45°C							
	Discharge	-10 ~ 55°C							
Storage Temperature		-5~35°C							
Shipment Voltage		≥25.6V				≥51.2V			
Module Paralle		Up to 15 units							
Communication		CAN2.0/RS232/RS485							
Case Material		SPPC							
Machine Dimension (H*W*D) (mm)		485.5*442*177		486.5*442*250		625.5*442*177		686.5*442*250	
Package Dimension	Carton box	557*547*227		557*547*300		688*557*227		non	
(W*H*D) (mm)	Wooden box	555*565*340		555*565*410		696*565*335		759*569*391	
N.W (kg)		27		44		45		80	
G.W (kg)	Carton box	30		48		48		non	
	Wooden box	40		57		58		97	
* VARIATIONS IN DIMENSIONS AND WEIGHTS MAY OCCUR DUE TO PRODUCTION BATCHES.									
Charge Retention And Capacity Recovery Capability		Standard charge the battery, and then put aside at room temperature for 28d or 55°C for 7d, Charge retention rate≥90%, Recovery rate of charge≥90							
Certification & Standards		CE-EMC (EN 61000-6-3: 2007+A1: 2011+AC: 2012 EN IEC 61000-6-1: 2019) IEC62619-1:2018; IEC62619:2022; IEC62619:2017; UN38.3/ MSDS							

Note: Specifications and models subject to change without prior notice