

BOLTRONZ

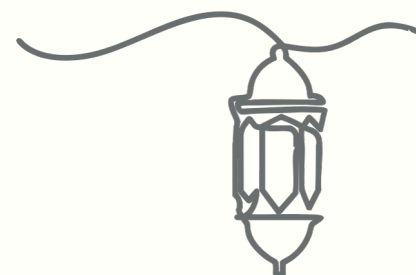
LITHIUM ION BATTERY- ECONOMY SERIES

PRODUCT DESCRIPTION

The BLBE19 Series offers a versatile and reliable power solution, combined up to 15 units for energy capacities ranging from 5120Wh to 15360Wh. With WiFi Remote Monitoring, stay connected and in control. It has excellent safety, high energy density, long lifetime, very nice temperature performance, green power newly of excellent safety and high reliability.

PRODUCT FEATURES

- 2-in-1 Wall-mounted, Floor-mounted.
- 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, Floor-mounted.
- Support CAN & RS485 communication with mainstream inverters.
- Local monitoring via LCD monitor.
- Built-in WiFi Smart BMS Module.



RANGE - BLBE19-24100, BLBE19-24200,
BLBE19-48100, BLBE19-48200, BLBE19-48300

PRODUCT SPECIFICATIONS

TECHNICAL DATA		BLBE19-24100	BLBE19-24200	BLBE19-48100	BLBE19-48200	BLBE19-48300
Nominal Voltage		25.6V		51.2V		
Nominal Capacity		100Ah	200Ah	100Ah	200Ah	300Ah
Nominal Energy		2560Wh	5120Wh	5120Wh	10240Wh	15360Wh
Max. Output Power		2.5KW	3.5KW	5KW	7.5KW	10KW
Life Cycles		4000 Cycles @ 80% DOD, 25°C				
Standard Charge Voltage		29.2V		58.4V		
Standard Charge Current		20A	40A	20A	40A	60
End Of Discharge Voltage		22V		44V		
Recommended Method	Charge	50A	100A	50A	100A	150A
	Discharge	50A	100A	50A	100A	150A
Maximum Continuous Current	Charge	100A	150A	100A	150A	200A
	Discharge	100A	150A	100A	150A	200A
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 Parallel		Up to 15 units				
Communication		CAN2.0/RS232/RS485				
Case Material		SPCC				
Machine Dimension (H*W*D) (mm)		505*442*200	603*442*200	603*442*200	663*442*225	663*442*225
Package Dimension	Carton box	595*280*560	690*280*560	690*280*560	/	/
(W*H*D) (mm)	Wooden box	/	/	/	760*405*570	985*405*600
N.W (kg)		33	57	57	80	109
G.W (kg)	Carton box	35	60	60	/	/
	Wooden box	/	/	/	97	128
* 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				
Warranty		4Years				

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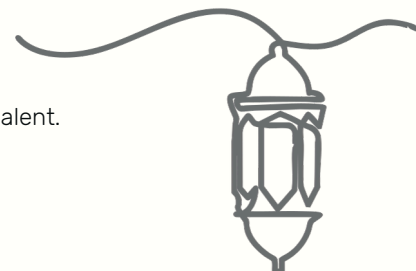
LITHIUM ION BATTERY- ECONOMY SERIES

PRODUCT DESCRIPTION

The BLBE17 Series LiFePO4 battery is fit for E-mobility, Energy Storage System, Defense & Security, Telecom Outdoor Applications, Renewable Energy Systems, and other harsh environment applications. Long lifetime, very nice temperature performance, green power newly of excellent safety and high reliability.

PRODUCT FEATURES

- 4000cycles@80%DOD,25°Cforeffectively lower total of ownership cost.
- Safe, reliable and long life.
- Support Series or Parallel connection.
- BatteryManagementSystem(BMS)is incorporated against abuse.
- Superior charge/discharge efficiency.
- Lowmaintenancebatterieswithstable chemistry.
- Extreme heat tolerance.
- LithiumbatteriesprovidemoreWh/Kg while also being up to 1/3 the weight of its SLA equivalent.



RANGE - BLBE17-12100, BLBE17-12150, BLBE17-12200

PRODUCT SPECIFICATIONS

TECHNICAL DATA		BLBE17-12100	BLBE17-12150	BLBE17-12200
Nominal Voltage		12.8V		
Nominal Capacity		100Ah	150Ah	200Ah
Nominal Energy		1280Wh	1920Wh	2560Wh
Max. Output Power		1.2KW	1.2KW	1.2KW
Life Cycles		4000 Cycles @ 80% DOD, 25°C		
Standard Charge Voltage		14.6V		
Standard Charge Current		20A	40A	
End Of Discharge Voltage		10V		
Recommended Method	Charge	20A	30A	40A
	Discharge	50A	75A	100A
Maximum Continuous Current	Charge	50A	75A	100A
	Discharge	100A	100A	100A
BMS Cut-Off Voltage	Charge	15.4 V (3.85V/Cell)		
	Discharge	9.2 V (2s) (2.3V/Cell)		
Temperature	Charge	0 ~ 45°C		
	Discharge	-10 ~ 55°C		
Storage Temperature		-5~35°C		
Shipment Voltage		≥12.8V		
Case Material		ABS+PC		
Machine Dimension (H*W*D) (mm)		339*185*218		502*186*243
Package Dimension (W*H*D) (mm)	Carton box	385*230*260		520*225*280
N.W (kg)	Carton box	12	17	21
G.W (kg)		13	18	22
* 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+A1+AC EN IEC 61000-6-1); UN38.3/ MSDS		
Warranty		5Years		