



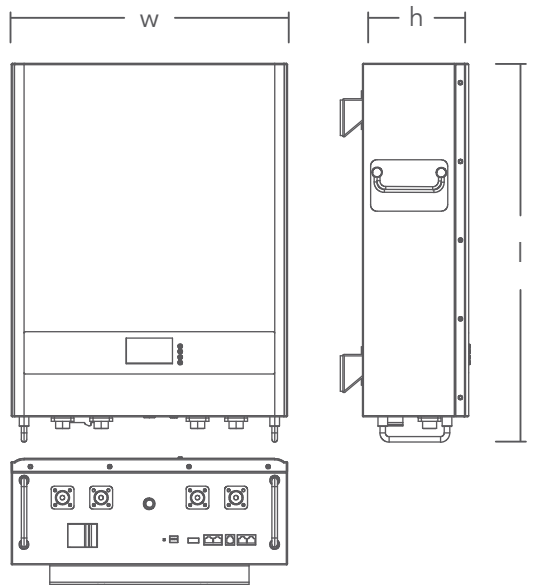
**Wall Mounted Serie ECO
Lithium Battery 5 kWh
51.2V 100 Ah BMS IP55**

PRODUCT HIGHLIGHTS

- ~ Aesthetic and Compact wall mounted Lithium-ion battery storage system
- ~ Higher energy storage capacities
- ~ Buit-in Battery Management System (BMS)
- ~ Expandable up to 16 batteries in parallel up to 80 kWh
- ~ Ideal for back-up and PV installation
- ~ Low voltage ESS
- ~ Grade A LiFePO4 Prismatic cells
- ~ Communication with various types of inverters by CAN2.0, RS485, RS232*
- ~ Front LCD monitor
- ~ Very deep cycle
- ~ For residential and commercial installations

GENERAL CHARACTERISTICS

Product Reference	BLIWE48100
Material	Metal
Cycle Life	8'000 Cycles @ 80% DoD /25°C / 0.5C)
System Connection	Max 16 pieces in parallel
Battery Connectors	Fast type (In/ Out)
Communication Port	CAN2.0 / RS232 / RS485
Working Temperature	-10°C...+55°C
Storage Temperature	-10°C...+45°C
Ingress Protection	IP55
Dimensions (l x w x h)	550 x 430 x 160 mm
Weight	48 Kg



ELECTRICAL CHARACTERISTICS

Nominal Voltage	51.2 V
Nominal Capacity	102 Ah
Nominal Energy	5.2 kWh
Usable Capacity	5 kWh
Operating Voltage	48 V - 57.6 V
Recommended Charging Current	50 A
Max Peak Charging Current	100 A
Max Discharging Current	100 A
Depth of Discharge (DoD)	90%
BMS***	Robust Multi point monitoring BMS pre installed

* Consult us for the list of compatible inverters
 ** **Warranty:** 5 years warranty subject to BMS valid reporting. Warranty is valid for compatible inverters.
 *** **BMS:** Over Temperature cut off, Over Voltage cut off, Short Circuit Protection, Over Charge/ Discharge cut off, Over Current cut off
 **** **Certifications:** UN38.3, IEC 62619, IEC61000, UL 1642(cell) (more available upon request)