



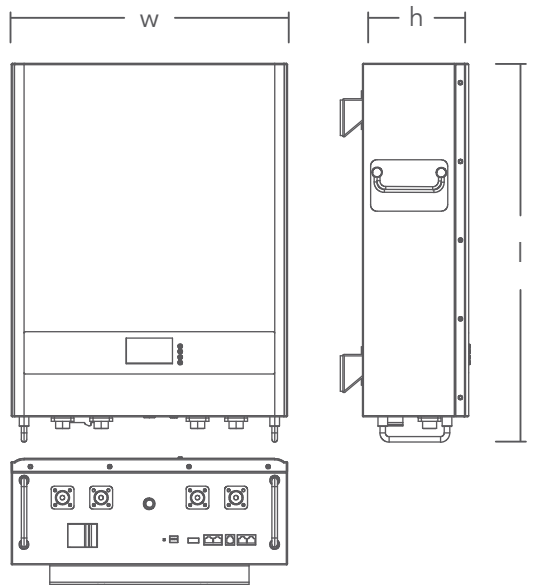
**Wall Mounted Serie PRO  
Lithium Battery 10 kWh  
51.2V 200 Ah BMS IP55**

## 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 167 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	BLIWP48200
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)	866 x 500 x 174 mm
Weight	95 Kg



## ELECTRICAL CHARACTERISTICS

Nominal Voltage	51.2 V
Nominal Capacity	204 Ah
Nominal Energy	10.44 kWh
Usable Capacity	10 kWh
Operating Voltage	48 V - 57.6 V
Recommended Charging Current	100 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)