

Battery Box (MYRTILLO)

High Voltage LFP Stackable Battery Box
4.99-29.9kWh

WHES

-20 °C

Operating Temperature,
Heating Module Inside

Build-in FSS

Built-in Aerosol Fire
Suppression System

Powered by
ECOS
ECOS Smart Home
From WHES

 **Battery Heating
Technology**

 **CLEAN
ENERGY
COUNCIL**



Compatible

- Supports optional intelligent heating module, providing a wider operating temperature range.

Convenient

- Integrated plug-in terminal, saving 75% installation time between modules.
- IP65, indoor or outdoor application.

Safe

- Four-layer protection design, including built-in fire suppression system.
- Long life cell, meeting the most stringent safety standards – UL9540A.

Scalable

- Max. 5 units in parallel, up to 149.76kWh capacity range.
- Adaptable to a wide range of applications, including commercial and industrial.

Contact Us

www.whes.com
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Technical Specifications

Model	WH-BXC4992 -1S	WH-BXC4992 -2S	WH-BXC4992 -3S	WH-BXC4992 -4S	WH-BXC4992 -5S	WH-BXC4992 -6S
System Demo						
System Data						
Battery Type				LFP		
Battery Module				4.992 kWh, 96 V		
No. of Modules	1	2	3	4	5	6
Nominal Capacity	4.992 kWh	9.984 kWh	14.976 kWh	19.968 kWh	24.96 kWh	29.952 kWh
Usable Energy Capacity	4.493 kWh	8.895 kWh	13.478 kWh	17.971 kWh	22.464 kWh	26.956 kWh
Rated DC Power ¹	2.4 kW	4.8 kW	7.2 kW	9.6 kW	12 kW	14.4 kW
Nominal Voltage	96 V	192 V	288 V	384 V	480 V	576 V
Operating Voltage	84...108 V	168...216 V	252...324 V	336...432 V	420...540 V	504...648 V
Recommend Charge/Discharge Current			26 A			
Max. Charge/Discharge Current ²			52 A			
Depth of Discharge			90%			
Display			SOC indicator, Status indicator			
Communication Interface			CAN, RS485			
General Data						
Dimensions (W*D*H)	600*350*575 mm	600*350*880 mm	600*350*1185 mm	600*350*1490 mm	600*350*1795 mm	600*350*2100 mm
Weight	69 kg	126 kg	183 kg	240 kg	297 kg	354 kg
Operating Temperature Range			-20°C...+55°C ³			
Relative Humidity			0%...95%			
Altitude			≤ 3000 m			
Installation			Indoor/Outdoor, Floor stand			
Cooling			Natural			
Ingress Protection			IP65			
Standard ⁴			UN38.3, IEC62619, IEC61000, IEC63056, IEC62040			

¹ The current is affected by temperature, cell voltage and SOC.

² Depend on the max. battery charge/discharge power of the inverter.

³ This is the operating temperature when the intelligent heating module is built-in, if not, the operating temperature is Charge: 0°C...50°C, Discharge: -10°C...+55°C.

⁴ For all standards refer to the certificates category on the WHES website.