

W series



Introduction

The Besst W1 Wall-Mounting Lithium Iron Battery Pack, the ultimate solution for robust and reliable energy storage. Designed for both indoor and outdoor applications, the Besst W1 operates at a voltage of 51.2V and offers a substantial capacity of 10.24kWh, ensuring dependable power in all conditions. With an IP67 rating, this battery pack is built to withstand the elements, making it ideal for outdoor installations power in all conditions. With an IP67 rating, this battery pack is built to withstand the elements, making it ideal for outdoor installations.

Technical Specifications

Battery	W1	W1+
Battery Chemistry	LiFePO4	
Nominal Voltage	51.2V	
Operating Voltage	43.2~57.6V	
Capacity	10,240Wh	
Usable Capacity	9,216Wh	
Charging Current	100A	
Discharging Current	100A	
Communications	CAN / RS485	
Scalability	Max 16 units in parallel	
Dimensions	888 × 518 × 150mm	
Weight	90 kg	
Working Temp	0°C~50°C*	-20°C~50°C*
Store Temp	-20°C~55°C	
IP Rating	IP67	
Humidity	5%~95%(RH) No Condensation	
Altitude	< 3500 M	
Installation	Wall-Mounted	
Warranty	10 years	
Designed Life	10 years+	
Certifications	IEC62619 / UN38.3 / CE / ROHS	

*DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25°C.

System usable energy may vary due to system configuration parameters;

*The current is affected by temperature and SOC;

*Conditions apply, refer to Besst's warranty terms.

*Only PLUS(+) models are rated for -20°C charging and discharging.

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W series accessories



Cable set

