




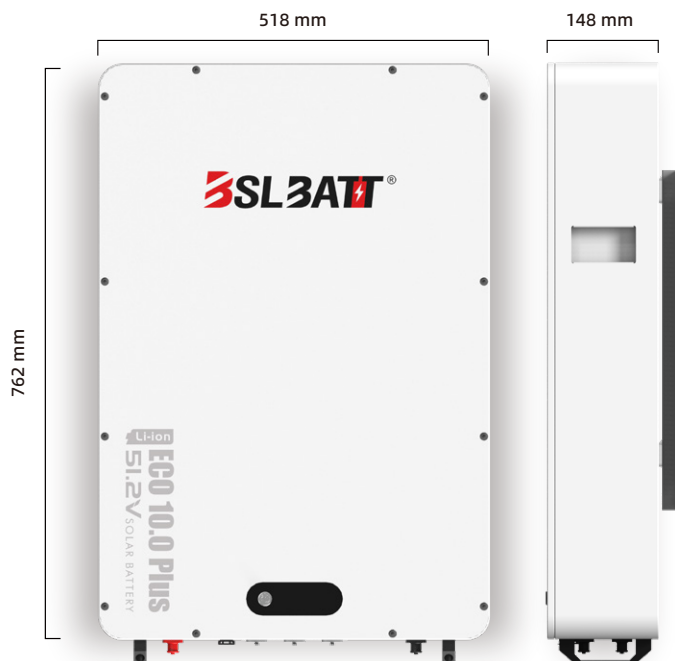
ECO 10.0 Plus

Choose the superpower for your home. 

IP65 protection

Introduction

The ECO 10.0 Plus is a wall-mounted home battery with LiFePO4 electrochemical technology. The actual voltage is 51.2V, which can be expanded by connecting in parallel, and the IP65 waterproof rating meets all installation environments, making it the best choice for home backup.



ECO 10.0 Plus

- Suitable for larger power requirements
- IP65 design for multiple environments
- Cobalt-free lithium iron phosphate battery
- For optimized self-consumption
- Lighter weight and easy to install

Application Scenarios



Residential



Small Commercial



Farm



Mobile



Office



Telecom

Technical Specification

Model	ECO 10.0 Plus
Combination Method	2P16S
Rated Capacity	200Ah
Type/Model	51.2V 200Ah,10.24kWh
Rated Power	10.24kWh
Nominal Voltage	51.2V DC
Voltage At End Of Discharge	2.7V minimum for single unit, or 43.2V total voltage
Recommended Charging Voltage By Manufacturer	57.6V or 3.60V/any cell
Internal Impedance	≤40mΩ
Standard Charge	80A
Max Charging Current(Icm)	100A
Upper Limit Charging Voltage	58.4V or 3.65V/cell
Standard Discharge	80A
Max Continuous Discharging Current	100A
Discharge Cut-off Voltage(Udo)	43.2V
Operation Temperature Range	Charge:0~50°C
	Discharge: -20~55°C
Storage Temperature Range	-20°C~35°C
Battery System Size/ Weight	L762*W518*H148mm / 85±3kg
Packing Size	L870*W595*H245mm
Battery Life	≥15 years
Warranty	10 years
Cycle	≥6000, @80% DOD (0.5C, 25°C)
Certification	UN38.3/UL1973/EC62368/IEC62619/CEC
Protection Level	IP 65

Features



Modular and scalable



Maximum 16 in parallel



6000 Cycle Life @80% DOD



10-year warranty & technical support



30 days delivery period



For on-grid and off-grid



UL standard battery pack



Compatible with multiple inverters



Safe and reliable LiFePO4



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