

# BSE5200L

## BATTERY MODULE

The BSE5200L is a high-performance, scalable battery storage module. The modular design allows for maximum flexibility, making it suitable for a broad range of storage applications.

### LOW VOLTAGE BATTERY STORAGE



#### Long Life

Rated life span of more than 6000 cycles.



#### Expandable

Storage capacity is expandable to 20 48kWh.



#### High Efficiency

98% charge/discharge efficiency.



#### Easy Installation

Easy, plug and play installation.

Up to four batteries can be installed in parallel, allowing for a maximum storage capacity of 61.44kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.

- 5.12kWh Capacity
- Scalable to 61.44kWh
- 98% Charge/Discharge Efficiency
- 95% Depth of Discharge
- Wide Temperature Tolerance
- Easy Installation
- >6000 Life Cycles
- CAN/RS485 Communication
- Low Voltage

THE BSE **5200L**

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### SPECIFICATIONS

Nominal Capacity (kWh)	5.12
Nominal Voltage (V)	51.2
Operating Voltage Range (V)	44.5 - 58.2
Depth of Discharge (%)	95
Roundtrip Efficiency (%)	>99%
Rec. Charge/Discharge Current (A)	100
Max. Charge/Discharge Current (A) (30s)	150
Charge/Discharge Efficiency (%)	98%
Operating Temperature (°C)	-10 - 50°C
Storage Temperature (°C)	-20 - 60°C
Humidity (%)	4% to 100% condensing
Protection Level	IP21
Cycle Life	≥6000
Safety	CE, RCM, TUV (IEC62619) UL1973, ROHS
EMC	IEC-61000-6-1/3
UN Number	UN3840
Weight (kg)	52
Dimensions (L*W*H) (mm)	600*342*207

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