

YOUR
SMART
ENERGY



BATTERY SMILE5-BAT

RESIDENTIAL SERIES

CAPACITY ►

5.7 kWh modular



Modular


Plug & play

Safe

Long lifespan

BATTERY SMILE5-BAT



Model	SMILE5-BAT
Physical	
Battery Type	LFP (LiFePO4)
Cell Manufacturer	 EVE ENERGY VERY ENDURE
System Weight	65 kg
Dimension (W x D x H)	600 x 250 x 600 mm
IP Protection	IP65
Warranty	10 Year Battery Warranty
Electrical	
Energy Capacity	5.7 kWh
Usable Capacity	5.5 kWh
Depth of Discharge (DoD)	96%
Nominal Voltage	51.2 V
Operating Voltage Range	48 ~ 57.6 V
Internal Resistance	≤ 30 mΩ
Cycle Life	10 000*
Operation	
Max. Charging/Discharging Current	56 A (0.5C)
Max. Charging/Discharging Power	2867.2W
Max. Short-circuit Current	200 A
Operating Temperature Range	-10 °C ~ 50 °C**
Humidity	15% ~ 85%
BMS	
Modules Connection	1 ~ 6 in parallel
BS Model	SMILE5-BAT / SMILE5-BATx2 / SMILE5-BATx3 / SMILE5-BATx4 / SMILE5-BATx5 / SMILE5-BATx6
Capacity	5.7 / 11.5 / 17.2 / 22.9 / 28.7 / 34.4 kWh
Usable Capacity	5.5 / 11.0 / 16.5 / 22.0 / 27.5 / 33.0 kWh
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature
Communication	CAN and RS-485 compatible
Certification	
Transportation	UN38.3
Safety	IEC 62619 (Cell), IEC 62619 (Pack)

*Under specific test conditions

**When the temperature is below 0 °C or above 40 °C, the performance will be limited.



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