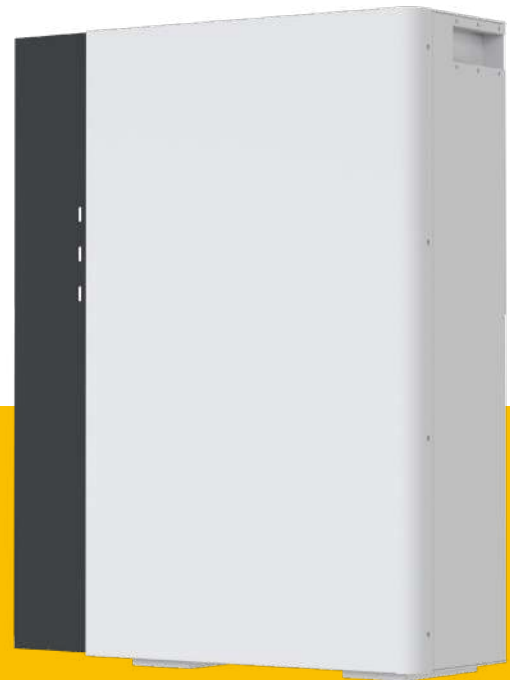




BATTERY
SMILE-G3-BAT-8.2P
RESIDENTIAL SERIES

CAPACITY

8.2 kWh Module



- Modular
- Plug & Play
- Safe
- Long Lifespan

BATTERY

SMILE-G3-BAT-8.2P



Model	SMILE-G3-BAT-8.2P
Physical	
Battery Type	LFP (LiFePO ₄)
Weight	78.3 kg
Dimensions (W x D x H)	610 x 250 x 793 mm
IP Protection	IP21 (Indoor)
Warranty	5 Years Product Warranty, 10 Years Battery Performance Warranty
Electrical	
Energy Capacity	8.2 kWh
Usable Capacity	7.8 kWh
Depth of Discharge (DoD)	95%*
Nominal Voltage	256 V
Operating Voltage Range	240 ~ 288 V
Cycle Life	10 000**
Operation	
Max. Charging Current	32 A
Max. Discharging Current	32 A**
Operating Temperature Range	-10 °C ~ 50 °C***
Relative Humidity	0% ~ 95% (No Condensation)
BMS	
Modules Connection	1 ~ 6 in Parallel
Capacity	8.2 / 16.4 / 24.6 / 32.8 / 41.0 / 49.2 kWh
Usable Capacity	7.8 / 15.6 / 23.4 / 31.2 / 39.0 / 46.8 kWh
Monitoring Parameters	System Voltage, Current, Cell Voltage, Cell Temperature, PCBA Temperature Measurement
Communication	CAN
Certifications	
Transportation	UN 38.3
Safety	IEC 62619

* Under specific test conditions.

** 40A discharging current sustainable for 30 minutes in off-grid operation.

*** Max. charge/discharge current derating may occur with changes in temperature and SoC.



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