

• YOUR  
• SMART  
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## BATTERY SMILE-G3-BAT-10.1P

RESIDENTIAL SERIES  
CAPACITY ►  
10.1 kWh modular



Modular

Plug & play

Safe

Long lifespan



# BATTERY

## SMILE-G3-BAT-10.1P



Model	SMILE-G3-BAT-10.1P *
<b>Physical</b>	
Battery Type	LFP (LiFePO4)
Weight	92 kg **
Dimension (W x D x H)	610 x 212 x 780 mm **
IP Protection	IP65 (Outdoor)
Warranty	5 Year Product Warranty, 10 Year Performance Warranty
<b>Electrical</b>	
Energy Capacity	10.1 kWh
Usable Capacity	9.6 kWh
Depth of Discharge (DoD)	95%
Nominal Voltage	96 V
Operating Voltage Range	90 ~ 108 V
Cycle Life	8000 ***
<b>Operation</b>	
Rated. Charging Current	52.5 A
Rated. Discharging Current	52.5 A
Operating Temperature Range	-10 °C ~ +50 °C ****
Humidity	0 ~ 95%
<b>BMS</b>	
Modules Connection	1 ~ 6 in parallel
Capacity	10.1 / 20.2 / 30.3 / 40.4 / 50.5 / 60.6 kWh
Usable Capacity	9.6 / 19.2 / 28.8 / 38.4 / 48.0 / 57.6 kWh
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature
Communication	CAN and RS-485 compatible
<b>Certification</b>	
Transportation	UN38.3
Safety	IEC 62619 , IEC 63056, IEC 62040

\* The model will be defined as SMILE-G3-BAT-10.1P II, SMILE-G3-BAT-10.1P III, SMILE-G3-BAT-10.1P IV, SMILE-G3-BAT-10.1P V, SMILE-G3-BAT-10.1P VI when they are in parallel from 2~6 batteries.

\*\* The weight and dimension is only for single module. The weight will be multiplied with the number of batteries. The depth and height are the same for all battery systems. But at least 300mm clearance is necessary between each module for all battery systems.

\*\*\* Under specific test conditions

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

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