

• YOUR
• SMART
• ENERGY



BATTERY **SMILE-G3-BAT-9.6S**

RESIDENTIAL SERIES

CAPACITY

9.6 kWh Module



Redundancy Design

High Efficiency and Safe

Simple Installation and Maintenance

Bypass Function

BATTERY

SMILE-G3-BAT-9.6S



Model	SMILE-G3-BAT-9.6S
Physical Parameters	
Battery Type	LFP (LiFePO4)
Installation Method	Floor / Base Installation (Optional)
Dimension (W x D x H)	610 x 210 x 634 mm
Weight	81 kg
IP Protection	IP65
Warranty	10 Years
Electrical Parameters	
Rated Energy	9.6 kWh
Depth of Discharge (DoD)	95 %
Nominal Voltage	96 V
Operating Voltage Range	90 ~ 105.6 V
Operating Parameters	
Max. Charging Current	52.5 A
Max. Discharging Current	52.5 A
Operating Temperature Range	-20°C ~ 50°C (Charge / Discharge)
Safety	Aerosol, explosion-proof valve
Relative Humidity	0 ~ 95% (No Condensation)
BMS	
Module Connection	1 ~ 6 in series connection*
Rated 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 measurement
Communication	CAN
Certification	
Transportation	UN38.3
Compliance	IEC 62619, IEC 62040, IEC62477, IEC 61000

*The number of batteries and capacity depends on inverter:

Single-phase Inverter: 1~6

SMILE-G3-T10: 1~6

SMILE-G3-T20: 2~6