

• YOUR
• SMART
• ENERGY



BATTERY **SMILE-G3-BAT-4.8S**

RESIDENTIAL SERIES

CAPACITY
4.8 kWh Module



Redundancy Design
High Efficiency and Safe
Simple Installation and Maintenance
Bypass Function

BATTERY

SMILE-G3-BAT-4.8S



Model	SMILE-G3-BAT-4.8S
Physical Parameters	
Battery Type	LFP (LiFePO4)
Installation Method	Wall Mounted / Base Installation (Optional)
Dimension (W x D x H) ± 2	610 x 212.5 x 435 mm
Weight ± 1	53 kg
IP Protection	IP65
Warranty	10 Years
Electrical Parameters	
Rated Capacity	50Ah
Rated Energy	4.8 kWh
Depth of Discharge (DoD)	95%
Nominal Voltage	96 V
Operating Voltage Range	90 ~ 105.6 V
Operating Parameters	
Max. Continuous Charge Current	50 A
Max. Continuous Discharge Current	50 A
Conditional Short-circuit current	6 kA
Charge/Discharge Operating Temperature	-20 °C , ..., 50 °C
Safety	Aerosol, explosion-proof valve
Relative Humidity	0 ~ 95% (No Condensation)
BMS	
Module Connection	1 ~ 6 in series connection*
Rated Capacity	4.8 / 9.6 / 14.4 / 19.2 / 24.0 / 28.8 kWh*
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature measurement
Communication	CAN
Certification	
Transportation	UN38.3
Compliance	IEC 62619, IEC 62040, IEC61000

*The number of batteries and capacity depends on inverter:
 Single-phase Inverter: 1~4
 SMILE-G3-T10: 1~6
 SMILE-G3-T20: 2~6