

YOUR  
SMART  
ENERGY



# BATTERY SMILE-G3-BAT-4.5S

RESIDENTIAL SERIES

## CAPACITY

4.5 kWh Modular



## KEY FEATURES

Redundancy Design

High Efficiency and Safe

Simple Installation and Maintenance

Bypass Function

# BATTERY

## SMILE-G3-BAT-4.5S



Model	SMILE-G3-BAT-4.5S
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 Year Battery Performance Warranty
Electrical Parameters	
Rated Capacity	4.56 kWh
Depth of Discharge (DoD)	100%
Nominal Voltage	96 V
Operating Voltage Range	90 ~ 105.6 V
Operating Parameters	
Max. Charging Current	50 A
Max. Discharging Current	50 A
Operating Temperature Range	-20°C~50°C(Charge / Discharge)
Safety	Aerosol, explosion-proof valve
Relative Humidity	0 ~ 95% (No Condensation)
BMS	
Module Compatibility	G3-S5(1~4), G3-T4/6/8/10(1~6), G3-T15/20(2~6)
Rated Capacity (1~6 in series)	4.56 / 9.12 / 13.68 / 18.24 / 22.80 / 27.36 kWh
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature measurement
Communication	CAN
Certification	
Transportation	UN38.3
Compliance	IEC 62619, IEC 62040, IEC 61000



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