

• YOUR
• SMART
• ENERGY



SMILE-G3-Backup Gateway

RESIDENTIAL SERIES

Maximum Input Power

23 kW

Maximum Input Current

100 A



KEY FEATURES

100A Maximum Input Current, Whole-home Backup Solution

Seamless Switchover

Built-in Bypass Circuit for Stability of System

24/7 Online Monitoring

Up to 2 * Inverter Input, Large System Capacity

IP65 Enclosure, Outdoor Installation

10-Year Warranty for Long-term Reliability

SMILE-G3-Backup Box-S

Model	SMILE-G3-Backup Box-S
Grid Connection	
Grid Connection Type	L / N / PE; Single Phase
Nominal AC Voltage	220 / 230 V
Maximum AC Current	100 A
Maximum AC Power	23 kW
Nominal AC Frequency	50 / 60 Hz
Switching Time	< 20ms*
PV Inverter Connection	
Nominal Voltage	220 / 230 V
Maximum Current	32 A
Maximum Power	7.3 kW
Nominal Frequency	50 / 60 Hz
Backup Connection	
Nominal AC Voltage	220 / 230 V
Maximum AC Current	100 A
Maximum AC Power	23 kW
Nominal AC Frequency	50 / 60 Hz
Hybrid Inverter Connection	
Nominal AC Voltage	220 / 230 V
Maximum AC Current	63 A
Maximum AC Power	14.5 kW
General Parameters	
Dimensions (W x D x H)	456 x 172 x 600 mm
Weight	18.8 kg
Communication	RS 485
Cooling	Natural Cooling
Operating Temperature Range	-10 ~ 50°C
Ingress Protection	IP65
Installation	Wall-mounted
Relative Humidity Range	15 ~ 85%
Warranty	10-Year Limited Warranty

*The On / Off grid switching time depends on the inverter installed with

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