

• YOUR
• SMART
• ENERGY



SMILE-B3-PLUS

RESIDENTIAL SERIES

CAPACITY ►

5.04 kWh modular
expandable to 30.24 kWh



AC-Coupling

Built-in battery

Modular design

Easy installation and
low maintenance

24/7 Monitoring



SMILE-B3-PLUS



Model	SMILE-B3-PLUS	SMILE-B3-PLUS II	SMILE-B3-PLUS III	SMILE-B3-PLUS IV	SMILE-B3-PLUS V	SMILE-B3-PLUS VI
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System Specification

Rated Apparent Power	3000 VA					
IP Protection	IP65					
Dimension (W x D x H)	640x250x725 mm*	640x250x1070 mm*	640x250x1415 mm*	640x250x1760 mm*	640x250x2105 mm*	640x250x2450 mm*
Weight	64 kg	112 kg	160 kg	208 kg	256 kg	304 kg
Operating Temperature Range	-10 °C ~ 50 °C**					
Warranty	5 Year Product Warranty, 10 Year Performance Warranty					

Inverter Technical Specification

Max. AC Input Current	13 A
Max. AC Short Circuit Current	18.75 A
Nominal AC Input Voltage	230 V
Battery Voltage Range	40 ~ 58 V
Max. Charging/Discharging Current	60 A
Max. Charging/Discharging Power	3000 VA
Rated Output/Backup Power	3000 VA
Max. Altitude	3000 m
Max. Efficiency	≤96%
Phase	Single-Phase
Safety	IEC 62619
Grid Regulation	AS4777

Battery Technical Specification

Module Capacity	5.04 kWh	10.08 kWh	15.12 kWh	20.16 kWh	25.20 kWh	30.24 kWh
Usable Capacity	4.79 kWh	9.58 kWh	14.36 kWh	19.15 kWh	23.94 kWh	28.73 kWh
Depth of Discharge (DoD)	95%					
Module Nominal Voltage	48 V					
Cycle Life	6000					
Max. Charging/Discharging Current	60 A					
Certification	UN38.3, IEC 62619 (Cell), IEC 62619 (Pack)					

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

** This is the dimension of a vertical line



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