

● 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 *
System Specification	
Max. AC Output Power	3000 W
Max. AC Input Power	3000 W
IP Protection	IP65
Dimension (W x D x H)	630 x 236 x 685 mm
Weight	60 kg
Operating Temperature Range	-10 °C ~ 50 °C **
Warranty	5 Year Product Warranty, 10 Year Battery Warranty
Inverter Technical Specification	
Max. AC Input Current	13 A
Nominal AC Input Voltage	230 V
Battery Voltage Range	40 ~ 58 V
Max. Charging/Discharging Current	60 A
Max. Charging/Discharging Power	3000 W
Phase	Single-Phase
Safety	IEC 62619
Grid Regulation	AS4777
Battery Technical Specification	
Module Capacity	5.04 kWh
Usable Capacity	4.79 kWh
Depth of Discharge (DoD)	95%
Module Nominal Voltage	48 V
Cycle Life	6000
Max. Charging/Discharging Current	60 A
External Battery Expansion	1 ~ 5 SMILE-BAT-5P in parallel
Certification	UN38.3, IEC 62619 (Cell), IEC 62619 (Pack)

* The system can be expanded as B3-PLUS II, B3-PLUS III, B3-PLUS IV, B3-PLUS V, B3-PLUS VI with 2~6 battery.

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



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