

● YOUR
● SMART
● ENERGY



SMILE-B3-PLUS

RESIDENTIAL SERIES

CAPACITY ▶

5.04 kWh modular
expandable to 30.24 kWh



UPS Ability

Cost-effective

All-in-one Module

24/7 Online Monitor

Fit for All PV Inverters

Continuous 3kW Backup

Easy Installation and Expansion

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)	640 x 250 x 725 mm
Weight	60 kg
Operating Temperature Range	-10 °C ~ 50 °C*
Warranty	5 Year Product Warranty, 10 Year Battery Performance 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	52.5 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	52.5 A
External Battery Expansion	1 ~ 5 SMILE-BAT-5P in parallel
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.



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