

• YOUR
• SMART
• ENERGY



SMILE-B3-PLUS

RESIDENTIAL SERIES

POWER

3 kW

CAPACITY

Built-in 5.04 kWh Battery
5.04 kWh Battery Module
Expandable to 30.24 kWh



UPS Ability

Cost Effective

All-In-One Module

24/7 Online Monitoring

Easy Installation and Expansion

Compatible with All Solar Inverters



SMILE-B3-PLUS



Model	SMILE-B3-PLUS
System Specifications	
Max. AC Output Power	3000 W
Max. AC Input Power	6000 W
IP Protection	IP65
Dimensions (W x D x H)	640 x 250 x 725 mm
Weight	60 kg
Operating Temperature Range	-10 °C ~ 50 °C*
Warranty	10 Years Product Warranty, 10 Years Battery Performance Warranty
Inverter Technical Specifications	
Coupling	AC
Max. AC Input Current	26 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
Communication	Ethernet / WIFI / DR Controllable
Phase	Single Phase
Safety	IEC 62109, IEC 62477
Grid Regulations	AS 4777.2, VDE 4105, VDE 0126, G98
Battery Technical Specifications	
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
Certifications	UN 38.3, IEC 62619 (Cell), IEC 62619 (Pack)

* Max. charge/discharge current derating may occur with changes in temperature and SoC.

** Test Condition: Max. 0.5C charge & discharge at 25±2°C.



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