

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 Name	SMILE-BAT-5P
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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