



• YOUR  
• SMART  
• ENERGY

# SMILE-B5

## RESIDENTIAL SERIES

**CAPACITY** ►

5.04 kWh modular  
expandable to 30.24 kWh



**AC-Coupled**

**VPP Ready**

**Built-in Battery**

**Slim but Powerful**

**UPS Ability**

**24/7 Online Monitor**

**Safe and Reliable(LFP ONLY)**

**Easy Installation and Expansion**

# SMILE-B5



Model	SMILE-B5
<b>System Specification</b>	
Nominal Output Power	5000 W
Capacity Range	5.04 ~ 30.24 kWh
Battery Chemistry	LFP (LiFePO4)
IP Protection	IP65 (Outdoor)
System Dimension (W x D x H)	640 x 250 x 695 mm
System Weight	68kg
Warranty	5 Year Product Warranty, 10 Year Performance Warranty

<b>Inverter Technical Specification</b>	
Model	SMILE-B5-INV
Max. AC Input Power	7590 W
Battery Voltage Range	42 ~ 58 V
Max. AC Output Power	5000 W
Max. Charging/Discharging Current	100 A
Rated Voltage	230 V
Phase	Single-Phase
Rated Frequency	50 / 60 Hz
Backup	UPS
Communication	Ethernet / WiFi
Humidity	0~95% (No Condensing)
Dimension (W x D x H)	640 x 250 x 350 mm
Weight	20 kg
Safety	IEC 62109, IEC 62477
EMC	EN61000-6-1/-2/-3/-4
Grid Regulation	AS4777.2, CEI 0-21, G99, G100, EN50549, RD1699, VDE 0126

<b>Battery Technical Specification</b>	
Module Model	SMILE-BAT-5P
Module Capacity	5.04 kWh
Usable Capacity	4.79 kWh
Rated Voltage	48 V
Rated. Charging/Discharging Current	52.5 A
Operating Temperature Range	-10°C ~ 50°C*
Cycle Life	6000
Battery Modules Connection	1 ~ 5 in parallel

\* When the ambient temperature is too low or too high, the performance of battery may be limited.



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