

YOUR  
SMART  
ENERGY



# BATTERY SMILE-BAT-5PH

RESIDENTIAL SERIES

**CAPACITY** ▶

5 kWh modular



**Modular**

**Plug & play**

**Safe**

**Long lifespan**

# BATTERY SMILE-BAT-5PH



Model	SMILE-BAT-5PH
<b>Physical</b>	
Battery Type	LFP (LiFePO4)
Weight	50 kg
Dimension (W x D x H)	580 x 226 x 530 mm
IP Protection	IP21 (Indoor) / IP65 (Outdoor)
Warranty	5 Year Product Warranty, 10 Year Performance Warranty
<b>Electrical</b>	
Energy Capacity	5.0 kWh
Usable Capacity	4.8 kWh
Depth of Discharge (DoD)	95%
Nominal Voltage	153.6 V
Operating Voltage Range	144 ~ 172.8 V
Cycle Life	10 000*
<b>Operation</b>	
Max. Charging Current	32 A
Max. Discharging Current	32 A
Operating Temperature Range	-10 °C ~ 50 °C**
Humidity	0 ~ 95%
<b>BMS</b>	
Modules Connection	1 ~ 6 in parallel
Capacity	5.0 / 10.0 / 15.0 / 20.0 / 25.0 / 30.0 kWh
Usable Capacity	4.8 / 9.5 / 14.3 / 19.0 / 23.8 / 28.5 kWh
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature
Communication	CAN and RS-485 compatible
<b>Certification</b>	
Transportation	UN38.3
Safety	IEC 62619 (Cell), IEC 62619/IEC 62477 (Pack)

\*Under specific test conditions

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



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