

BATTERY

SMILE-BAT-8. 2PH



Model	SMILE-BAT-8.2PH	SMILE-BAT-8.2PH II	SMILE-BAT-8.2PH III	SMILE-BAT-8.2PH IV	SMILE-BAT-8.2PH V	SMILE-BAT-8.2PH VI
Physical						
Battery Type	LFP (LiFePO4)					
Weight	80 kg	160 kg	240 kg	320 kg	400 kg	480 kg
Dimension* (W x D x H)	580 x 230 x 820 mm	580 x 230 x 1640 mm	580x230x1640mm 580x230x820mm	580x230x1640mm 580x230x1640mm	580x230x1640mm 580x230x1640mm 580x230x820mm	580x230x1640mm 580x230x1640mm 580x230x1640mm
IP Protection	IP65 (Outdoor)					
Warranty	10 Year Product Warranty, 10 Year Performance Warranty					
Electrical						
Energy Capacity	8.2 kWh	16.4 kWh	24.6 kWh	32.8 kWh	41.0 kWh	49.2 kWh
Usable Capacity	7.8 kWh	15.6 kWh	23.4 kWh	31.2 kWh	39.0 kWh	46.8 kWh
Depth of Discharge (DoD)	95%					
Nominal Voltage	256 V					
Operating Voltage Range	240 ~ 288 V					
Cycle Life	10 000*					
Operation						
Max. Charging/Discharging Current	32 A					
Max. Charging/Discharging Power	8.2 kW					
Rated DC Power	8.2 kW					
Operating Temperature Range	-10 °C ~ 50 °C**					
Humidity	15 ~ 85%					
BMS						
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature					
Communication	CAN and RS-485 compatible					
Certification						
Transportation	UN38.3					
Safety	UL1973					
Country of manufacture	China					

* This is the dimension of a vertical line

** Under specific test conditions

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



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