

BATTERY SMILE-BAT-13.3P



Model		Smile-BAT-13.3P	
Physical			
Battery Type	LFP (LiFePO4)		
Cell Manufacturer	EVE		
System Weight	120 kg (per unit)		
Dimension (W x D x H)	610 x 236 x 812 mm (per unit)		
IP Protection	IP65		
Warranty	5 Year Product Warranty, 10 Year Performance Warranty		
Electrical			
Energy Capacity	13.34 kWh	Operating Voltage Range	45 ~ 54 V
Usable Capacity	13.34 kWh	Internal Resistance	≤ 20 mΩ
Depth of Discharge (DoD)	100%	Cycle Life	8000
Nominal Voltage	48 V	Rated Charging/Discharging Power	5000 W
Operation			
Max. Charging/Discharging Current	(0.35C) per unit of battery		
Max. Charging/Discharging Power	5000 W		
Operating Temperature Range	-10 °C ~ 50 °C*		
Humidity	15% ~ 85%		
Short Circuit Current	200A / unit		
Multiple Battery**			
Modules Connection	1~6 in parallel (with expansion pack)		
BS Model	SMILE-BAT-13.3P / SMILE-BAT-13.3PX2 / SMILE-BAT-13.3PX3 / SMILE-BAT-13.3PX4 / SMILE-BAT-13.3PX5 / SMILE-BAT-13.3PX6		
Usable Capacity	13.34 kWh / 26.68kWh / 40.02kWh / 53.36kWh / 66.70kWh / 80.04kWh		
Maximum current	100 A / 200 A / 300 A / 400 A / 500 A / 600 A		
BMS			
Power consumption	<1 W (Work), <10 mW (Sleep)		
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature		
Communication	CAN and RS-485 compatible		
Certification			
Transportation	UN38.3		
Safety	IEC 62619 (Cell), IEC 62619 (Pack)		

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

** For multiple battery connection, the only difference will be the energy capacity and Maximum current value.
All other parameter are the same.



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