

BATTERY SMILE-BAT-13.3P



Model	SMILE-BAT-13.3P
Physical	
Battery Type	LFP (LiFePO4)
Cell Manufacturer	EVE
System Weight	120 kg
Dimension (W x D x H)	610 x 236 x 812 mm
IP Protection	IP65
Warranty	5 Year Product Warranty, 10 Year Performance Warranty
Electrical	
Energy Capacity	13.34 kWh
Usable Capacity	13.34 kWh
Depth of Discharge (DoD)	100%
Nominal Voltage	48 V
Operating Voltage Range	45 ~ 54 V
Internal Resistance	≤ 20 mΩ
Cycle Life	8000
Operation	
Max. Charging/Discharging Current	100 A (0.35C)
Max. Charging/Discharging Power	5000 W
Operating Temperature Range	-10 °C ~ 50 °C*
Humidity	15% ~ 85%
BMS	
Modules Connection	1~6 in parallel (with expansion pack)
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.



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