


BATTERY SMILE-BAT-10.1P



Model	SMILE-BAT-10.1P
Physical	
Battery Type	LFP (LiFePO4)
Cell Manufacturer	 EVE ENERGY VERY ENDURE
System Weight	95 kg
Dimension (W x D x H)	610 x 236 x 693 mm
IP Protection	IP21 (Indoor) / IP65 (Outdoor)
Warranty	5 Year Product Warranty, 10 Year Performance Warranty
Electrical	
Energy Capacity	10.1 kWh
Usable Capacity	9.7 kWh
Depth of Discharge (DoD)	96%
Nominal Voltage	48 V
Operating Voltage Range	45 ~ 54 V
Internal Resistance	≤ 15 mΩ
Cycle Life	8000*
Operation	
Max. Charging Current	100 A
Max. Discharging Current	100 A
Operating Temperature Range	-10 °C ~ 50 °C**
Relative Humidity	0 ~ 95%
BMS	
Modules Connection	1 ~ 6 in parallel
Capacity	10.1 / 20.2 / 30.2 / 40.3 / 50.4 / 60.5 kWh
Usable Capacity	9.7 / 19.4 / 29.0 / 38.7 / 48.4 / 58.1 kWh
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)

* Under specific test conditions

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



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