



# BATTERY

# SMILE-G3-BAT-10.1P



Model	SMILE-G3-BAT-10.1P
<b>Physical</b>	
Battery Type	LFP (LiFePO4)
Weight	90 kg
Dimension (W x D x H)	610 x 212 x 793 mm
IP Protection	IP65 (Outdoor)
Warranty	10 Year Battery Warranty
<b>Electrical</b>	
Energy Capacity	10.1 kWh
Usable Capacity	9.6 kWh
Depth of Discharge (DoD)	95%
Nominal Voltage	96 V
Operating Voltage Range	90 ~ 108 V
Cycle Life	8000*
<b>Operation</b>	
Rated. Charging/DisCharging Current	52.5 A
Max. Charging/DisCharging Current	60 A
Operating Temperature Range	-10 °C ~ 50 °C**
Humidity	0 ~ 95%
<b>BMS</b>	
Modules Connection	1 ~ 6 in Parallel
Capacity	10.1 / 20.2 / 30.2 / 40.3 / 50.4 / 60.5 kWh
Usable Capacity	9.6 / 19.2 / 28.7 / 38.3 / 47.9 / 57.5 kWh
Monitoring Parameters	System Voltage, Current, Cell Voltage, Cell Temperature, PCBA Temperature
Communication	CAN
<b>Certification</b>	
Transportation	UN38.3
Safety	IEC 62619 , IEC 63056, IEC 62040

\*Under specific test conditions.

\*\* When the ambient temperature is too low or too high, the performance of battery may be limited.



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