

BATTERY

SMILE-G3-BAT-10.1P



Model	SMILE-G3-BAT-10.1P	SMILE-G3-BAT-10.1P II	SMILE-G3-BAT-10.1P III	SMILE-G3-BAT-10.1P IV	SMILE-G3-BAT-10.1P V	SMILE-G3-BAT-10.1P VI
Physical						
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 Product and Performance Warranty					
Electrical						
Depth of Discharge (DoD)	95%					
Nominal Voltage	96 V					
Operating Voltage Range	90 ~ 108 V					
Cycle Life	10 000*					
Operation						
Rated. Charging/DisCharging Current	52.5 A					
Rated DC Power	5.04 kW					
Max. Charging/DisCharging Current	60 A					
Operating Temperature Range	-10 °C ~ 50 °C**					
Relative Humidity	0 ~ 95% (No Condensation)					
BMS						
Modules Connection	1 ~ 6 in Parallel					
Energy Capacity	10.1kWh	20.2 kWh	30.2 kWh	40.3 kWh	50.4 kWh	60.5 kWh
Usable Capacity	9.6 kWh	19.2 kWh	28.7 kWh	38.3 kWh	47.9 kWh	57.5 kWh
Monitoring Parameters	System Voltage, Current, Cell Voltage, Cell Temperature, PCBA Temperature					
Communication	CAN					
Certification						
Transportation	UN38.3					
Safety	IEC 62619 , IEC 63056, IEC 62040					
Country of Manufacture	China					

*Under specific test conditions.

** Max. charge / discharge current derating may occur with changes in temperature and SOC.



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