

• YOUR
• SMART
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BATTERY **SMILE-G3-BAT-9.3S**

RESIDENTIAL SERIES

CAPACITY

9.3 kWh Module



Redundancy Design

High Efficiency and Safe

Simple Installation and Maintenance

Bypass Function

SMILE-G3-BAT-9.3S



Module Model	SMILE-G3-BAT-9.3S	SMILE-G3-BAT-9.3S II	SMILE-G3-BAT-9.3S III	SMILE-G3-BAT-9.3S IV	SMILE-G3-BAT-9.3S V	SMILE-G3-BAT-9.3S VI
Battery Technical Specifications						
Battery Type	LFP (LiFePO4)					
Battery Module	9.3 kWh , 81 kg					
Modules Connection	1	2	3	4	5	6
Energy Capacity	9.3 kWh	18.6 kWh	27.9 kWh	37.2 kWh	46.5 kWh	55.8 kWh
Usable Capacity	9.3 kWh	18.6 kWh	27.9 kWh	37.2 kWh	46.5 kWh	55.8 kWh
Depth of Discharge (DoD)	100%					
Nominal Voltage	96 V	192 V	288 V	384 V	480 V	576 V
Operating Voltage Range	90 ~ 105.6 V	180 ~ 211.2 V	270 ~ 316.8 V	360 ~ 422.2 V	450 ~ 528 V	540 ~ 633.6 V
Max Charge / Discharge Power*	5.04 kW	10.08 kW	15.12 kW	20.16 kW	20.16 kW	20.16 kW
Max. Charge / Discharge Current**	52.5 A / 52.5 A					
Short Circuit current	6 kA					
Rated DC Power*	5 kW	10 kW	15 kW	20 kW	20 kW	20 kW
General data						
Environmental Category	Outdoor					
Operating Temperature Range	-20°C~50°C (Charge/Discharge)					
Relative Humidity	0 ~ 95% (No Condensation)					
Installation Method	Base Installation					
Dimension (W x D x H)	610 x 212 x 630 mm	610 x 212 x 1260 mm	610 x 212 x 630 mm + 610 x 212 x 1260 mm	610 x 212 x 1260 mm + 610 x 212 x 1260 mm	610 x 212 x 630 mm + 610 x 212 x 1260 mm + 610 x 212 x 1260 mm	610 x 212 x 1260 mm + 610 x 212 x 1260 mm + 610 x 212 x 1260 mm
Weight	81 kg	162 kg	243 kg	324 kg	405 kg	486 kg
Ingress Protection	IP 65					
Max. Operating Altitude	3000 m					
Transportation	UN 38.3					
Safety	IEC 62619, IEC 62040, IEC 61000					
Warranty	10 Years Warranty					
Country of Manufacturer	China					

* Max. charge/discharge power is limited by the number of batteries and the capacity of the inverter, Which is 20.16kW.

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

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