

Specification SMILE-G3-S5/S3.6/B5



Model	SMILE-G3-S3.6	SMILE-G3-B5	SMILE-G3-S5
System Specification			
Nominal Output Power	3600 W	5000 W	5000 W
Capacity Range	10.1 ~ 60.5 kWh (95% DoD)		
Battery Chemistry	LFP (LiFePO4)		
IP Protection	IP65 (Outdoor)		
System Dimension	610 x 1168 x 230 mm (with Bracket)		
System Weight	102 kg		
Warranty	5 Year Product Warranty, 10 Year Battery Performance Warranty		
Inverter Technical Specification			
Model	SMILE-G3-S3.6-INV	SMILE-G3-B5-INV	SMILE-G3-S5-INV
Coupling Mode	Hybrid	AC	Hybrid
Max. PV Input Power	5700 W	7200 W	10000 W
Max. PV Input Current	15A / 15A		
Nominal PV Input Voltage	1000 V		
Mppt Number/Max. Input Strings Number Per MPPT	2/1		
MPPT Voltage Range	100 ~ 550 V		
Max. PV Short-circuit Current	18.7A / 18.7A		
Max. Charging/Discharging Current	60 A		
Max. Charging/Discharging Power	3600 W	5000 W	5000 W
Rated Frequency	50 / 60 Hz		
Rated Voltage	230 V		
Max. AC Output Current	15.6A / 21.7A / 21.7A		
Max. AC Input Current	31.3A / 43.5A / 43.5A		
Backup	UPS		
Communication	Ethernet / WiFi		
Humidity	0~90% (No Condensing)		
Dimension (W x D x H)	610 x 212 x 366 mm		
Weight	12 kg		
Safety	IEC 62109, IEC 62040		
EMC	EN61000-6-1/-2 /-3/-4		
Grid Regulation	AS4777.2, NRS 097		
Battery Technical Specification			
Module Model	SMILE-G3-BAT-10.1P		
Module Capacity	10.1 kWh		
Usable Capacity	9.6 kWh		
Depth of Discharge (DoD)	95%		
Nominal Voltage	96 V		
Max. Charging/Discharging Current	52.5 A		
Operating Temperature Range	-10 °C ~ 50 °C*		
Cycle Life	8000**		
Battery Modules Connection	1 ~ 6 in Parallel		