

System Specification		
Model	Storion-SMILE-B3	Storian-SMILE-5
Max. AC Output Power	3000 W	5000 W
Max. AC Input Power	3000 W	4600 W
IP Protection	IP65 (Outdoor) / IP21 (Indoor)	IP65 (Outdoor) / IP21 (indoor)
Dimension (W x D x H)	610 x 236 x 625 mm	610 x 236 x 615 mm
Weight	45 kg	60 kg
Operating Temperature Range	-10 °C ~ 50 °C*, 0 °C ~ 40 °C (1C)	
Warranty	5 Year Product Warranty, 10 Year Battery Warranty	

Inverter Technical Specification		
Max. AC Input Current	13 A	13 A
Nominal AC Input Voltage	230 V	230 V
Battery Voltage Range	40 ~ 58 V	40 ~ 58 V
Max. Charging/Discharging Current	60 A	100 A
Max. Charging/Discharging Power	3000 W	5000 W
Phase	Single-Phase	
Nominal AC Output Voltage	230 V	
Grid Voltage Range	180 ~ 270 V	
Rated Frequency	50/60 Hz	
Backup	UPS	
Grid Regulation	AS 4777.2, VDE-AR-N 4105, G83/2	
Safety	IEC 62040-1, IEC 62477-1	

Battery Technical Specification		
Module Capacity	2.9 kWh	5.7 kWh
Usable Capacity	2.8 ~ 14.4 kWh (96% DoD)	2.9 ~ 34.4 kWh (96% DoD)
Depth of Discharge (DoD)	96%	
Module Nominal Voltage	51.2 V	
Max. Short-circuit Current	200 A	
Cycle Life	10 000 **	
Max. Charging/Discharging Current	56 A (1C)	
External Battery Expansion	1 ~ 5 M4856-P in parallel	
Certification	UN38.3, IEC 62619 (Cell), IEC 62619 (Pack)	

\*When the temperature is below 0 °C or above 40 °C, the performance will be limited.  
 \*\*Under specific test conditions

