GINLONG TECHNOLOGIES CO.,LTD.

SGC-R1/2/3P63A-NV-ND-ATS

Solis Grid Cabinet

Features:

- Supports whole home backup for uninterrupted power
- Supports hierarchical backup power, extending backup time for critical loads
- Automatic/manual mode, dual mode for convenience and dafety
- Switching time <40ms, uninterrupted power for critical loads
- Easy installation, low maintenance cost
- Flexible circuit breaker selection, matching different power requirements
- Ingress protection IP66, adapting to harsh ambient conditions

SGC-R1P63A-NV-ND-ATS
SGC-R2P63A-NV-ND-ATS

SGC-R3P63A-NV-ND-ATS



DATASHEET

Models	SGC-R1P63A-NV-ND-ATS	SGC-R2P63A-NV-ND-ATS	SGC-R3P63A-NV-ND-ATS
Input AC (Grid/Inverter grid/Inverter backup)			
Rated input voltage	1/N/PE, 220 V / 230 V	2/N/PE, 120 V / 240 V, 2/N/PE, 127V / 220 V	3/N/PE, 220 V / 380 V, 3/N/PE, 230 V / 400 V
Max. input current	63 A	63 A	63 A
Rated frequency	50 Hz / 60 Hz		
Output AC (Grid/Inverter grid)			
Rated output voltage	1/N/PE, 220 V / 230 V	2/N/PE, 120 V / 240 V, 2/N/PE, 127V / 220 V	3/N/PE, 220 V / 380 V, 3/N/PE, 230 V / 400 V
Max. output current	63 A	63 A	63 A
Rated frequency	50 Hz / 60 Hz		
Output AC(Backup load/Grid load)			
Rated output voltage	1/N/PE, 220 V / 230 V	2/N/PE, 120 V / 240 V, 2/N/PE, 127V / 220 V	3/N/PE, 220 V / 380 V, 3/N/PE, 230 V / 400 V
Max. output current	63 A	63 A	63 A
Rated frequency	50 Hz / 60 Hz		
General Data			
Dimensions (W × H × D)	340 × 503 × 132 mm	340 × 503 × 132 mm	443 × 503 × 130 mm
Weight	7.6 kg	7.6 kg	9.2 kg
Operating temperature range	-25 ~ +45 °C (>45°C derating)		
Relative humidity	0 - 95%		
Seamless off grid switch time	<40 ms ①		
Ingress protection	IP66		
Protection class / Over voltage category	I, III (MAINS and BACKUP)		
Max. operation altitude	4000 m (>2000 m derating)		
Safety standard	IEC 61439-1/IEC 61439-2		
Reserved AC breaker rail	Yes		

① This switching time can only be achieved according to the recommended wiring method in the Solis Usermanual (Chapters 3.4).