

Technical Specification	SmartGuard-63A-S0
General Data	
Dimension(W × D × H)	310 × 160 × 430 mm
Weight	≤12 kg
Performance	
AC Voltage (Nominal)	220/230V L/N+PE
AC Voltage Range	176 ~ 276 Vac
Max. Current (Grid)	63 A
Max. Current (Inverter)	45.4 A
Max. Current (Output)	63 A
Max. Apparent Power(Backup)	Xxxx VA
AC Frequency	50 Hz/60 Hz
Grid Connection	Single Phase
Load Connection	Single Phase
Switchover Mode	Auto
Switchover Time	20ms
Smart HEMS	Yes
Low voltage Ride Through Capability	Yes
Self Consumption	5W
THDU(Backup)	≤1.5%
Start Operation Mode	Inverter & Grid
Bypass Operation Mode	Manual
Compatible Inverter	SUN2000-2-6KTL-L1 & SUN2000-8/10K-LC0
Compatible ESS	4 LUNA2000&LUNA2000A up to 60kWh
Interface	
Display	LED; WIFI+APP
RS485	Yes
WLAN	STA × 1
Environment	
Noise Emission	≤ 29dB
Cooling	Natural Convection
Relative Humidity range	xx - xx% RH
Max. Operating altitude	4000 m
Degree of Protection	IP55
Operating Temperature Range	-25~50°C
Standard Compliance	
Certificate	IEC 61727, IEC 60068, IEC 61439 , 3C, UKCA, RCM, CE

1. The sum of the output current of the backup port and the non-backup port is not more than 63A
2. Ambient temperature > 40°C will result in reduced rated output
2. Altitude > 2000m will result in reduced rated output