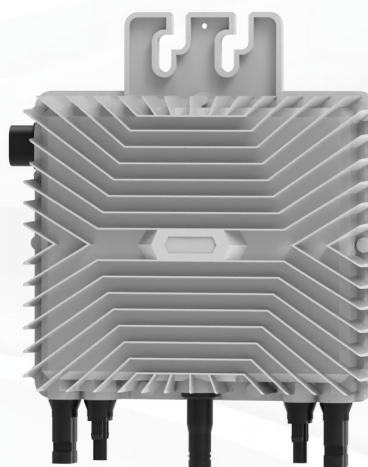


Microinverter

SUN-E60/80/100/110G4-EU-Q0



Safe

- Rapid shutdown function
- Complete NS protection with self-check function



Reliable

- 25 years design lifetime, 10 years warranty
- IP67 protection degree



Intuitive

- Wi-Fi communication
- Easy installation, suitable for quick-plug balcony PV systems
- With integrate Wi-Fi



Efficient

- 2 MPP tracker, module level monitoring
- <100ms AC fast discharge, compliant with DIN VDE 0126-95 (<200ms) safety standard

Model	SUN-E60G4-EU-Q0	SUN-E80G4-EU-Q0	SUN-E100G4-EU-Q0	SUN-E110G4-EU-Q0
PV String Input Data				
Max. PV Input Power (W)	210-420(2 Pieces)	210-560(2 Pieces)	210-700(2 Pieces)	210-770(2 Pieces)
Max. PV Input Voltage (V)	60			
Start-up Voltage (V)	20			
MPPT Voltage Range (V)	25-55			
Rated PV Input Voltage (V)	42.5			
Max. Operating PV Input Current (A)	18+18			
Max. Input Short-Circuit Current (A)	27+27			
No. of MPP Trackers/ No. of Strings MPP Tracker	2/1			
AC Output Data				
Rated AC Output Active Power (W)	600	800	1000	1100
Max. AC Output Apparent Power (VA)	600	800	1000	1100
Rated AC Output Current (A)	2.8/2.7	3.7/3.5	4.6/4.4	5/4.8
Max. AC Output Current (A)	2.8/2.7	3.7/3.5	4.6/4.4	5/4.8
Rated input/output voltage	220/230V 0.85Un-1.1Un L/N/PE			
Rated Output Grid Frequency/Range(Hz)	50/45-55, 60/55-65			
Power Factor Adjustment Range	0.9 leading-0.9 lagging/0.95 leading-0.95lagging			
Total Current Harmonic Distortion THDi	<3%			
DC Injection Current	<0.5%In			
Efficiency				
Max. Efficiency	96.5%			
Euro Efficiency	96.0%			
MPPT Efficiency	>99%			
Equipment Protection				
DC Reverse Polarity Protection	Yes			
AC Output Overcurrent Protection	Yes			
AC Output Overvoltage Protection	Yes			
AC Output Short Circuit Protection	Yes			
Thermal Protection	Yes			
Insulation Impedance Detection	Yes			
Anti-islanding Protection	Yes			
Surge Protection Level	TYPE II(AC)			
Interface				
Communication Interface	WiFi			
General Data				
Operating Temperature Range (°C)	-40 to +65°C, >45°C Derating			
Permissible Ambient Humidity	0-100%			
Permissible Altitude (m)	2000m			
Noise (dB)	≤25			
Ingress Protection(IP) Rating	IP 67			
Inverter Topology	Isolated			
Over Voltage Category	OVC II(DC), OVC III(AC)			
Cabinet Size (WxHxD mm)	200.5×177.8×35.5 (Excluding Connectors and Brackets)			
Weight (kg)	2.4			
Warranty	10 Years			
Type of Cooling	Natural Cooling			
Grid Regulation	IEC 61727, IEC 62116, CEI 0-21, EN 50549, NRS 097, RD 140, UNE 217002, OVE-Richtlinie R25, G98, VDE-AR-N 4105			
Safety EMC/Standard	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2			