

Microinverter

SUN-D60/80/100/110G4-EU-Q0



- ✓ 1 MPP tracker, module level monitoring
- ✓ IP67 protection degree
- ✓ Wi-Fi communication and lora communication
- ✓ Rapid shutdown function
- ✓ Easy installation, suitable for quick-plug balcony PV system
- ✓ <100ms AC fast discharge, compliant with new required standard DIN VDE V 0126-95 (<200ms) to protect human safety
- ✓ Complete NS protection with self-check function
- ✓ 25 years design lifetime and 15 years warranty
- ✓ With integrate Wi-Fi
- ✓ Anti backflow function

Deye

Stock Code: 605117.SH

Model	SUN-D60G4-EU-Q0		SUN-D80G4-EU-Q0		SUN-D100G4-EU-Q0		SUN-D110G4-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)	120							
Start-up Voltage (V)	20							
MPPT Voltage Range (V)	45-100							
Rated PV Input Voltage (V)	85							
Max. Operating PV Input Current (A)	18							
Max. Input Short Circuit Current (A)	27							
No. of MPP Trackers/ No. of Strings MPP Tracker	1/1							
AC Output Side								
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 Output Voltage/Range (V)	220/230 0.85Un-1.1Un							
Grid Connection Form	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							
Total Current Harmonic Distortion THDi	<3%							
DC Injection Current	<0.5%In							
Max. Unit per Branch	8		6		5		5	
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	Wi-Fi							
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)	212×190×40 (Excluding Connectors and Brackets)							
Weight (kg)	2.7							
Warranty	15 Years							
Type of Cooling	Natural Cooling							
Grid Regulation	IEC 61727, IEC 62116, CEI 0-21, EN 50549, NRS 097, RD 140, UNE 217002, G98, VDE-AR-N 4105							
Safety EMC/Standard	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2							