

Micro Inverter (Integrated NS Protection Device)

SUN-M60/80/100G3-EU-Q0



IP67 protection degree, 15 years warranty



2 MPP trackers, module level monitoring



WIFI communication



Rapid shutdown function

Deye

Stock Code: 605117.SH

| Micro Inverter (Integrated NS Protection Device) | SUN-M60G3-EU-Q0 | SUN-M80G3-EU-Q0 | SUN-M100G3-EU-Q0 |
|---|---|--------------------|--------------------|
| Input Data (DC) | | | |
| Recommended Input Power (STC) | 210-420W (2 Piece) | 210-600W (2 Piece) | 210-700W (2 Piece) |
| Maximum Input DC Voltage (V) | 60 | | |
| MPPT Voltage Range (V) | 25-55 | | |
| Full Load DC Voltage Range (V) | 30-55 | 33-55 | 40-55 |
| Max. DC Short Circuit Current (A) | 2x19.5 | | |
| Max. Input Current (A) | 2x13 | | |
| No.of MPP Trackers | 2 | | |
| No.of Strings per MPP Tracker | 1 | | |
| Output Data (AC) | | | |
| Max. Output Apparent Power (VA) | 600 | 800 | 1000 |
| Rated Output Power (W) | 600 | 800 | 1000 |
| Rated Output Current (A) | 2.8/2.7 | 3.7/3.5 | 4.6/4.4 |
| Max.AC Output Current (A) | 2.8/2.7 | 3.7/3.5 | 4.6/4.4 |
| Grid Connection Form | L+N+PE 220V/184V-242V 230V/ 195.5V-253V | | |
| Rated output voltage/range (V) | | | |
| Rated Grid Frequency/range (Hz) | 50Hz/45Hz-55Hz 60Hz/55Hz-65Hz | | |
| Power Factor Adjustment Range | >0.99 | | |
| Total Harmonics Current Distortion (THDi) | <3% | | |
| DC Component Of Grid | <0.5%In | | |
| Maximum Units per Branch | 8 | 6 | 5 |
| Efficiency | | | |
| Max Efficiency | 96.5% | | |
| MPPT Efficiency | >99% | | |
| Mechanical Data | | | |
| Night Time Power Consumption | 50mW | | |
| Ambient Temperature Range | -40-65°C, >45°C Derating | | |
| Cabinet Size (WxHxD mm) | 190×212×40 (Excluding Connectors and Brackets) | | |
| Weight (kg) | 2.8 | | |
| Cooling | Free Cooling | | |
| Enclosure Environmental Rating | IP67 | | |
| Features | | | |
| Communication | WIFI | | |
| Grid Connection Standard | 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 | | |
| Warranty | 15 Years | | |
| Network and System Protection Device | SUN-MI-RELAY-01 | | |
| AC Input Data (Inverter) | | | |
| Nominal Voltage | 220V/230V | | |
| Nominal Frequency | 50Hz | | |
| Max AC Current | 12A | | |
| Nominal AC Current | 12A | | |
| Matching Inverter | MicroInverter | | |
| AC Output Data(Grid) | | | |
| Nominal Voltage | 220V/230V | | |
| Nominal Frequency | 50Hz | | |
| Max AC Current | 12A | | |
| Nominal AC Current | 12A | | |
| General Data | | | |
| Ambient Temperature Range | -40-65°C | | |
| Humidity | 0%-100% RH | | |
| Cabinet Size (WxHxD mm) | 111×95×37.7 (Excluding Connectors and Brackets) | | |
| Weight (kg) | 0.34 | | |
| Enclosure Environmental Rating | IP67 | | |
| Communication | Wireless/WIFI | | |
| Safety EMC / Standard | IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2, VDE-AR-N 4105 | | |
| Warranty | 15 Years | | |

