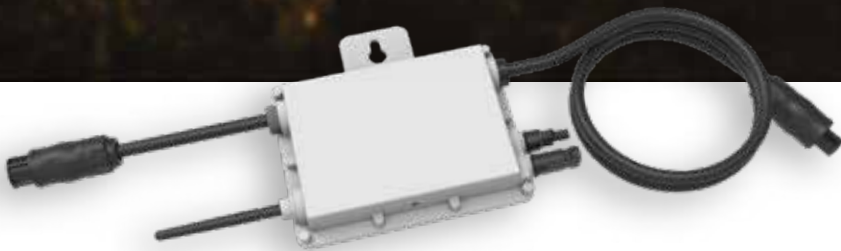


Microinverter

SUN300G3-US-220/EU-230

SUN500G3-US-220/EU-230



IP67 protection degree, 10 years warranty



PLC, Zigbee or WIFI communication



Support reactive power compensation



1 MPP tracker, module level monitoring



Rapid shutdown function

Deye

Stock Code: 605117.SH

| Model | SUN300G3-US-220 | SUN300G3-EU-230 | SUN500G3-US-220 | SUN500G3-EU-230 |
|---|--|-------------------|--------------------|-------------------|
| Input Data (DC) | | | | |
| Recommended input Power (STC) | 210~400W (1 Piece) | | 210~600W (1 Piece) | |
| Maximum input DC Voltage | 60V | | | |
| MPPT Voltage Range | 25~55V | | | |
| Full Load DC Voltage Range (V) | 24.5~55V | | 40~55V | |
| Max. DC Short Circuit Current | 19.5A | | | |
| Max. input Current | 13A | | | |
| No.of MPP Trackers | 1 | | | |
| No.of Strings per MPP Tracker | 1 | | | |
| Output Data (AC) | | | | |
| Rated output Power | 300W | | 500W | |
| Rated output Current | 1.4A | 1.3A | 2.3A | 2.2A |
| Nominal Voltage / Range (this may vary with grid standards) | 220V/0.85Un-1.1Un | 230V/0.85Un-1.1Un | 220V/0.85Un-1.1Un | 230V/0.85Un-1.1Un |
| Nominal Frequency / Range | 50 / 60Hz | | | |
| Extended Frequency / Range | 45~55Hz / 55~65Hz | | | |
| Power Factor | >0.99 | | | |
| Maximum units per branch | 17 | | 10 | |
| Efficiency | | | | |
| CEC Weighted Efficiency | 95% | | | |
| Peak Inverter Efficiency | 96.5% | | | |
| Static MPPT Efficiency | 99% | | | |
| Night Time Power Consumption | 50mW | | | |
| Mechanical Data | | | | |
| Ambient Temperature Range | -40~65°C | | | |
| Size (mm) | 189W×184H×31.5D (Without mounting bracket and cable) | | | |
| Weight (kg) | 2.15 | | | |
| Cooling | Natural cooling | | | |
| Enclosure Environmental Rating | IP67 | | | |
| Features | | | | |
| Compatibility | Compatible with 60~72 cell PV modules | | | |
| Communication | Power line / WIFI / Zigbee | | | |
| Grid Connection Standard | EN50549-1, VDE0126-1-1, VDE 4105, ABNT NBR 16149, ABNT NBR 16150, ABNT NBR 62116, RD1699, UNE 206006 IN, UNE 206007-1 IN, IEEE1547 | | | |
| Safety EMC / Standard | UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3 | | | |
| Warranty | 10 years | | | |