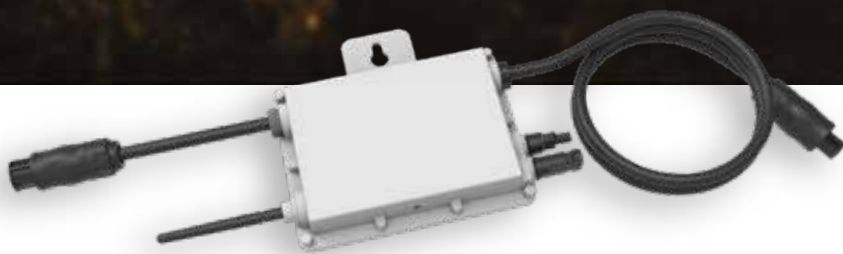
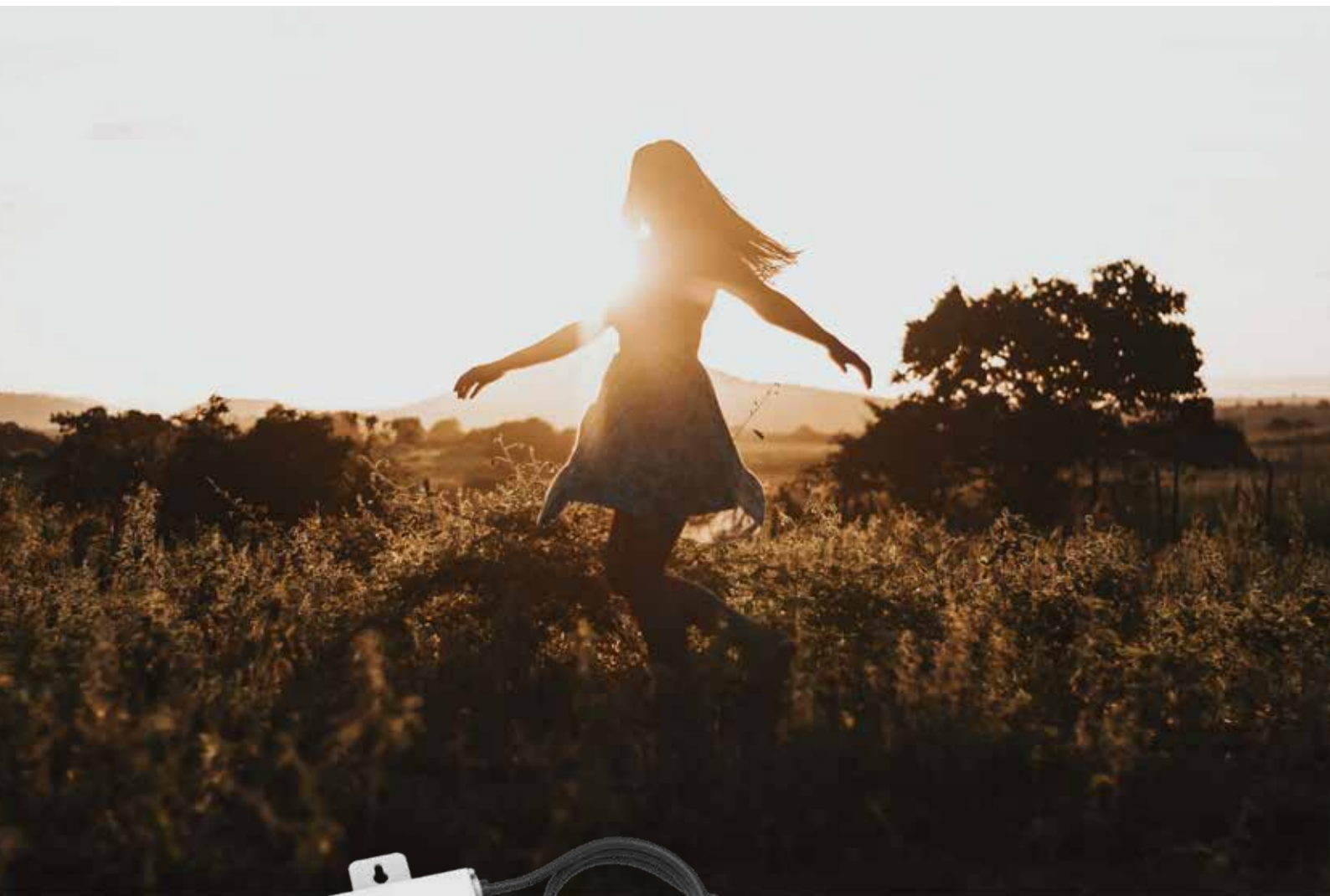


Microinverter

SUN300G3-US-220/EU-230

SUN500G3-US-220/EU-230



IP67 protection degree, 10 years warranty



1 MPP tracker, module level monitoring



WIFI communication



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) | 210-420W (1 Piece) | | 210-600W (1 Piece) | |
| Maximum Input DC Voltage (V) | 60 | | | |
| MPPT Voltage Range (V) | 25-55 | | | |
| Full Load DC Voltage Range (V) | 30-55 | | 40-55 | |
| Max. DC Short Circuit Current (A) | 19.5 | | | |
| Max. Input Current (A) | 13 | | | |
| No. of MPP Trackers | 1 | | | |
| No. of Strings per MPP Tracker | 1 | | | |
| Output Data (AC) | | | | |
| Max. Output Apparent Power (VA) | 300 | | 500 | |
| Rated Output Power (W) | 300 | | 500 | |
| Rated Output Current (A) | 1.4 | 1.3 | 2.3 | 2.2 |
| 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, >45°C derating | | | |
| Cabinet Size (WxHxD mm) | 189×184×31.5 (Excluding Connectors and Brackets) | | | |
| Weight (kg) | 2.15 | | | |
| Cooling | Free Cooling | | | |
| Enclosure Environmental Rating | IP67 | | | |
| Features | | | | |
| Communication | WIFI | | | |
| Grid Connection Standard | VDE4105, IEC61727/62116, VDE0126, AS4777.2, CEI 0 21, EN50549-1, G98, G99, C10-11, UNE217002, NBR16149/NBR16150 | | | |
| Safety EMC / Standard | UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3 | | | |
| Warranty | 10 Years | | | |