

Microinverter

SOL213



Product features

- Low cost per watt microinverter
- High continuous output power up to 600W, recommended for two max 450W solar panels
- High efficiency: 96.5%
- Built-in WiFi for remote monitoring
- Integrated monitoring and power line communication
www.gardenfurniturecentre.co.uk | sales@gardenfurniturecentre.co.uk | 01564 793 652
- Globally certified for UL, SAA, TUV, VDE, CEI021, G83/2, IEC61727, EN50438 etc.
- Integrated grounding for easy installation
- NEMA-6/IP-66/IP-67 enclosure rating

| Input Data (DC) | SOL213 |
|---|--|
| Max Recommended PV Power (Wp) | 450W *2 |
| Max DC Open Circuit Voltage (Vdc) | 60V |
| Max DC Input Current | 14A * 2 |
| MPPT Tracking Accuracy | >99.5% |
| MPPT Tracking Range (Vdc) | 22V - 55V |
| Max DC Short Circuit Current | 18A * 2 |
| Max Inverter Backfeed Current to the Array | 0 |
| Output Data (AC) | |
| Max AC Output Power (Wp) | 600W |
| Nominal Voltage/Range (Vac) | 230V/Configurable |
| Nominal Frequency (Hz) | 50Hz |
| THD | <3% (at rated power) |
| Power Factor | >0.99 (at rated power) |
| Rated Output Current | 2.61A |
| Current (inrush, peak and duration) | 24A, 15µs |
| Max Output Fault Current | 4.6A peak |
| Max Output Overcurrent Protection | 10A |
| Maximum units per branch | 6 |
| Efficiency | |
| Weighted Averaged Efficiency (CEC) | 96.5% |
| Night Time Rate Loss (Wp) | 0.11 |
| Protection Functions | |
| Over/Under Voltage Protection | Yes |
| Over/Under Frequency Protection | Yes |
| Anti-islanding Protection | Yes |
| Overcurrent Protection | Yes |
| Reverse DC Polarity Protection | Yes |
| Overload Protection | Yes |
| Protection Degree | NEMA-6 / IP-66 / IP-67 |
| Environmental | |
| Ambient Temperature Range | -40 ~ + 65°C |
| Operating Temperature Range | -40 ~ + 85°C |
| Environment Category | Indoor and outdoor |
| Pollution Degree | PD 3 |
| Physical | |
| Display | LED light |
| Communications | Power line / Frequency: 2.4 Ghz Standards: IEEE 802.11/b/g/n |
| Dimensions (W x H x D) | 277 * 132 * 50mm |
| Weight | 2.9 kg |
| Compliance | |
| Overvoltage Category | II (PV), III (AC MAINS) |
| Product Safety Compliance | UL 1741, CA Rule 21 Certified, CSA C22.2 No. 107.1, IEC/EN 62109-1 IEC/EN 62109-2 |
| Grid Code Compliance Refer to the label for the detailed grid code compliance | IEEE 1547, VDE-AR-N 4105, VDE V 0126-1-1/A1 G83/2, CEI 021, AS 4777.2 & AS 4777.3, EN50438, Erzeuger Typ A |
| Warranty | 10 years |