

Solar Inverters On Grid-30kW Sunipod ONG-30kW

Solar Inverters specifically designed for on grid operations.



HIGHLIGHTS

Electrical Environment Friendly

- Galvanic isolation of DC input and AC output using output transformer specifically for grid tie installations.
- Intelligent MPPT Tracking.

Industry-Leading Reliability

- Endurance tested to 20 year operating life.
- Lowest part counts and fewest interconnects eliminate common failure points.
- Field-proven technology.

Integrated AC and DC PV System Disconnect

- As per UL 98 Standard for use with input strings.
- NEC Compliant internal wire raceway enables side-by-side mounting.
- Direct-to-wall surface enclosure design allows for easy access and installation.

State-of-the-art display

- Complete view of inverter operation.

Easy Installation

- Factory integrated inverter and PV System Disconnect eliminates the need for extra equipment.
- Integrated disconnect reduces conduit connection points saving installation time and material cost.
- Field-configurable positive/negative ground applications.
- Optimally placed knockouts for a variety of conduit routing options.

Installer-Focused Support

- No special purchase requirements to get the best technical support in the industry.
- Technical phone support.
- Economical performance monitoring options.

SPECIFICATIONS

| | ONG-30kW |
|--|---|
| Electrical Specifications | |
| Continuous Output Power (W) | 30000W |
| Weighted CEC Efficiency | 92 |
| Maximum DC Input Voltage (V) | 600VDC |
| DC Maximum Input Current (A) | 150.0 A |
| AC Rated Output Current (A) | 133.0 A |
| AC Nominal Output Voltage (V) | 230V |
| AC Nominal Output Frequency (Hz) | 50Hz |
| Output Waveform Shape | Sinewave |
| Output Harmonic Distortion (%) | Less than 3% |
| AC Output Voltage Range (V) | ±3% |
| AC Output Frequency Range (Hz) | ±1% |
| MPPT based Tracker | Yes |
| Mechanical Specifications | |
| Temperature | -10 °C to 60 °C |
| Humidity | 0 to 98% |
| Cooling | Free convection |
| Communication | GSM Wireless GPRS/3G |
| Weight with Disconnects | 240 Kgs |
| Inverter with Disconnects | |
| Dimensions (L X W X D) | 60inch X 36inch X 36inch |
| Standards/Safety Specifications | |
| Protection Degree | IP65 |
| System Disconnect | Inverter with Factory-Integrated AC and DC PV System Disconnect |
| Enclosure | NEMA 3R Steel Enclosure, Wall Mounted with Bracket Included |
| Overload Behavior | Current Limitation, Power Limitation |
| Anti-Islanding | Yes |

- Three Phase Solar Inverters can be provided on request.

APPLICATIONS:

- Diesel Generator Alternative Using Solar Power Plants
- Lower Your Electric Bill Using Solar Power Stations

Specifications included in this datasheet are subject to change without notice. Electric data without guarantee.

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