



PV Grid Tied Inverter Hosola Sunrays Series Three Phase Inverter

Sunrays Series
ST25000TL ST28000TL ST30000TL

**New
product**



- ★ **3-Phase String Inverter**
- ★ **Wide Range Of DC Input & MPPT Voltage**
- ★ **Easy Maintenance**
- ★ **High Cost Performance**



● High-yield

- Max. efficiency 98.0%
- Real time precise MPPT algorithm for max harvest
- Wide input voltage operation range from 200V to 1000V

● Flexible and economical

- Built-in PV Combiner (optional)
- DC switch. AC switch (optional)
- DC surge protection device (optional)
- AC surge protection device (optional)
- Power management unit
- Optimum selection for large PV plants, commercial projects and so on.

● Low maintenance cost

- Detachable cover for easy installation
- Rusty-free aluminum covers
- Flexible and mature monitoring solution
- Multi-function relay can be configured to display inverter information

● Intelligent grid management

- LVRT support
- Reactive power adjustable
- Self power reduction at over frequency
- Remote active/reactive power limit control

Hosola SolarMAN online monitoring system
Easy to monitor at anytime anyplace you like!



- Internet-based remote management system
- Real time monitoring and data recording
- Communicative display
- Customized service
- Periodical report on system operation status

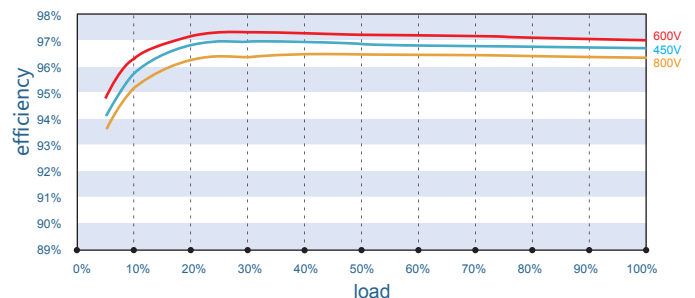
SolarMAN App
Download



For Apple user



For Android user





Hosola Sunrays Series

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Technical Data

High
SafetyHigh
QualityHigh
Efficiency

| Model | ST25000TL | ST28000TL | ST30000TL |
|--|--------------------------------------|-----------------------|-----------------------|
| Input (DC) | | | |
| Max. DC Input Power [W] | 26500 | 30000 | 32000 |
| Max. DC Input Voltage [Vdc] | 1000 | 1000 | 1000 |
| Rated Voltage[Vdc] | 610 | 610 | 610 |
| MPPT Voltage Range for Nominal Power [Vdc] | 450-800 | 470-800 | 500-800 |
| Max. Input Current for MPPT [A] | 32/32 | 32/32 | 32/32 |
| No. of MPPT / Max. Number of PV Strings per MPPT | 2/5 | 2/5 | 2/5 |
| Output (AC) | | | |
| Max. AC Output Power [KW] | 25 | 28 | 30 |
| Max. AC Output Apparent Power [KVA] | 27.5 | 30.8 | 33 |
| Rated AC Voltage [Vac] | 3/N/PE/220/380 | 3/N/PE/220/380 | 3/N/PE/220/380 |
| Grid Frequency [Hz] | 50/60 | 50/60 | 50/60 |
| Max. AC Output Current [A] | 42 | 47 | 50 |
| Power Factor [cosφ] | 0.9leading-0.9lagging | 0.9leading-0.9lagging | 0.9leading-0.9lagging |
| THD | <3% | <3% | <3% |
| Efficiency | | | |
| Max. Efficiency | 98.0% | 98.0% | 98.0% |
| Euro Efficiency | 97.5% | 97.5% | 97.5% |
| MPPT Efficiency | 99.9% | 99.9% | 99.9% |
| Safety and Protection | | | |
| Overvoltage /Undervoltage Protection | Integrated | Integrated | Integrated |
| Turn off/Turn on Voltage Setting | Integrated | Integrated | Integrated |
| Dc Insulation Resistance Monitoring | Integrated | Integrated | Integrated |
| Earth Fault Protection | Integrated | Integrated | Integrated |
| Grid Monitoring | Integrated | Integrated | Integrated |
| Earth Fault Current Monitoring | Integrated | Integrated | Integrated |
| Dc Component Monitoring | Integrated | Integrated | Integrated |
| General Data | | | |
| Dimension(W/H/D) [mm] | 580*800*200 | | |
| Weight [kg] | 60kg | | |
| Operating Temperature Range [°C] | -25°C ~ +60°C | | |
| IP Protection Type (IEC-60529) | IP65 | | |
| Climatic Category (IEC 60721-3-4) | 4K4H | | |
| Power consumption at night [W] | <1W | | |
| Cooling | Air cooling | | |
| LCD Display | LCD | | |
| Relative Humidity Range | 0-100% (Non-condensation) | | |
| Communication | RS485/ Wifi (Optional) | | |
| Standard Warranty | 5/10/20 Years Free/Optional/Optional | | |