



# 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

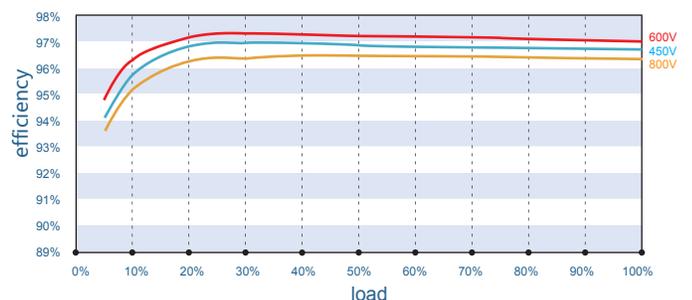
SolarMAN App  
Download



For Apple user



For Android user





## Hosola Sunrays Series

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### Technical Data

High  
SafetyHigh  
QualityHigh  
Efficiency

Model	ST25000TL	ST28000TL	ST30000TL
<b>Input ( DC )</b>			
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 Norminal Power [Vdc]	450-800	470-800	500-800
Max. Input Currency 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
<b>Output ( AC )</b>			
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 Currency [A]	42	47	50
Power Factor [cosφ]	0.9leading-0.9lagging	0.9leading-0.9lagging	0.9leading-0.9lagging
THD	<3%	<3%	<3%
<b>Efficiency</b>			
Max. Efficiency	98.0%	98.0%	98.0%
Euro Efficiency	97.5%	97.5%	97.5%
MPPT Efficiency	99.9%	99.9%	99.9%
<b>Safety and Protection</b>			
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
<b>General Data</b>			
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		