



PV Grid Tied Inverter

2000MTL/2500MTL/3000MTL/3680MTL/4200MTL
5000MTL/4200TL/5000TL/5000STL/5000DTL

Hosola Bright Series Single Phase Inverter



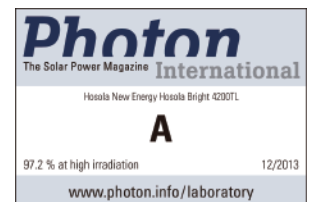
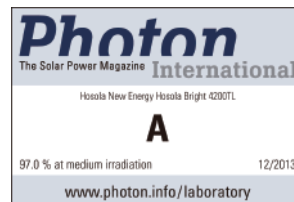
Ideal For Residential & Small Project Use

Hosola Bright Series inverter has gone through strict quality control tests on prototype before launching into the market. It integrates mature technology, making it easy to install. With our Hosola SolarMAN monitoring device, the reliability of Hosola inverter has reached a higher level.



- High Conversion Efficiency
 - Dynamic MPPT
 - Max. efficiency 97.4%
 - Wide MPPT voltage
- Easy-to-use
 - Optional Sunclix DC connector
- Better Communication
 - WiFi for global monitoring
 - Monitoring on Apple and Android
- Wide Selection
 - A total of 10 models for selection
- Low Noise
 - Self-developed topology
 - No fan design
 - Inductor Optimization

Hosola Bright 4200 TL Photon Test **Double A**



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

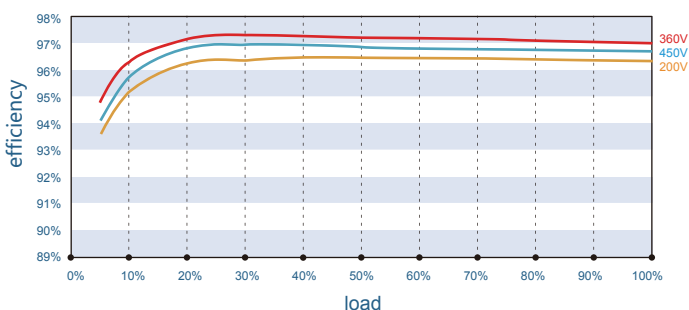
SolarMAN App
Download



For Apple user



For Android user





Hosola Bright Series Technical Data

High
Safety

High
Quality

High
Efficiency

Low
Noise

Type	2000MTL	2500MTL	3000MTL	3680MTL	4200MTL	5000MTL	4200TL	5000TL	5000STL	5000DTL
Input data										
Max. DC input power [W]	2200	2700	3200	4000	4600	5400	4600	5400	For Australia	
Max. DC power for each MPPT [W]	1300	1500	2000	2200	2600	3000	4600	5400	5000	3000
Max. DC Voltage [V]	550	550	550	550	550	550	550	550	550	550
Operating Voltage Range [V]	90-550	90-550	100-550	100-550	100-550	100-550	100-550	100-550	100-550	100-550
MPPT Voltage Range [V]	90-500	90-500	145-500	150-500	150-500	175-500	220-500	220-500	220-500	165-500
Max. DC current [A]	11/11	11/11	11/11	13/13	15/15	15/15	20	25	20	15/15
No. of MPPT	2	2	2	2	2	2	1	1	1	2
Strings per MPPT	1	1	1	1	1	1	2	2	2	1
DC Switch	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Output data										
Grid connection	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase
Rated AC power [W]	2000	2500	3000	3680	4200	5000	4200	5000	4600	4600
Max. AC Power [W]	2000	2500	3000	3680	4200	5000	4200	5000	4600	4600
Max. AC Current [A]	10	13	15	16	21	24	21	24	22	22
Rated AC Voltage/ Range [V]	230/180~270	230/180~270	230/180~270	230/180~270	230/180~270	230/180~270	230/180~270	230/180~270	230/180~270	230/180~270
Rated AC Frequency/ Range [Hz]	50/47~52	50/47~52	50/47~52	50/47~52	50/47~52	50/47~52	50/47~52	50/47~52	50/47~52	50/47~52
Power factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
THD	<3%	<3%	<3%	<3%	<3%	<3%	<3%	<3%	<3%	<3%
Efficiency										
Max. efficiency	97.3%	97.3%	97.3%	97.3%	97.4%	97.4%	97.4%	97.4%	97.4%	97.4%
Euro efficiency	96.6%	96.6%	96.6%	96.6%	96.7%	96.7%	96.7%	96.7%	96.7%	96.7%
MPPT efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
Safety equipment										
Overvoltage protection	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
Earth fault protection	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
Mains monitoring	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
Earth fault current monitoring	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
DC Injection monitoring	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
Islanding protection	AFD	AFD	AFD	AFD	AFD	AFD	AFD	AFD	AFD	AFD
General data										
Weight [kg]	17	17	17.9	18.5	18.9	18.9	18.9	18.9	18.9	18.9
Dimension (W*H*D) [mm]	348*506*148									
Operating Temperature Range[°C/°F]	-20~+60/-4~140									
IP protection type	IP 65 according to IEC 60529									
Isolation type	Transformerless									
Cooling	Convection									
Noise level	< 35 dBA									
LCD display	Backlight, 16 x 2 Character LCD									
Communication	RS232 (Wireless optional)									
Standard warranty (years)	5/10 (optional)									
Certificates	AS4777,G83,G59,EN61000-3-2,EN61000-6-1/2/3/4,IEC-62109-1,IEC-62109-2,VDE0126-1-1,EN50438									

