



Peak efficiency **98.2%**



Alluminium alloy die casting



Easy to install and service



Max D.C. Overland **50%**



Pilote your home consumption



## TECHNICAL DATA

MODEL	HPT-3000	HPT-4000	HPT-5000	HPT-6000	HPT-8000	HPT-10000	HPT-11K
<b>INPUT / DC</b>							
Max. PV Power/Wp	4620	6160	7700	8400	11500	13000	13000
Max. Input Voltage/V	1000						
MPP Voltage Range/V	150-850				80-550		
Min. DC Voltage/ Start Up Voltage/V	150/180						
Full Load MPP Voltage Range/V	210-850			250-850	330-850	410-850	
Nominal DC-Input Voltage/V	620						
Max. Input Current/A	13/13						
Max. DC Short Circuit Current/A	20/20						
No. of Independent MPPT Inputs	2						
No. of PV Strings per MPPT							
<b>OUTPUT / AC</b>							
Rated Power/ W	3000	4000	5000	6000	8000	10000	10500
Max. Apparent AC Power/ VA	3300	4400	5500	6600	8800	10000	10500
Rated Grid Voltage/ Vac	380/400						
Grid Connection	3 / 3L-N-PE						
Rated Power Frequency / Hz	50/60						
Max. Output Current / A	5	6.5	8.5	9.6	13	15.2	16
Power Factor	0.8ind to 0.8cap						
THDi@ Rated Power	<3%						
<b>EFFICIENCY</b>							
Max. Efficiency	98.0%		98.1%		98.2%		
Euro. Efficiency	97.4%				97.5%		
<b>PROTECTION FUNCTION</b>							
Anti-Islanding Protection	Integrated						
Input Reverse Polarity Protection	Integrated						
Insulation Resistance Detection	Integrated						
Residual Current Monitoring	Integrated						
Output Over Current Protection	Integrated						
Output Short Circuit Protection	Integrated						
Over Voltage Protection	II (DC), III (AC)						
Surge Protection	DC: Optional / AC: Type II						

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<b>GENERAL DATA</b>							
Dimensions (W'WD) / mm	425'351'160						
Weight/ kg	13.7			14			
Noise Emission (Typical) / dB(A)	<20			<25			
User Interface	LCD&LED or LED						
DC Connection Type	MC4 (D4, SUNCLIX, H4 optional)						
AC Connection Type	Plug-in Connector						
Communication	RS485/WiFi/GPRS (optional)						
Cooling Method	Natural Cooling						
Operating Ambient Temperature/C'	-25-+60						
Relative Humidity	0%to100%						
Max.Operating Altitude/m	2000 (>2000 Derating)						
Protection Class (IEC 60529)	IP65						
Climatic Category (IEC 60721-3-4)	4K4H						
Topology	Transformerless						
Factory location	by Hypo in PRC						
Night Consumption / W	<1						

## I'M SAFE<sup>®</sup> WARRANTY

You are 2 times more protected

### The Serenity guarantee

The Serenity Guarantee protects you against all mechanical, meteorological, fire and theft risks. All I'M.SOLAR<sup>®</sup> inverters are covered by this insurance for 5 years. You can rest assured that you are covered against any unforeseen and sudden damage to your equipment.

### The Quality guarantee

All I'M.SOLAR<sup>®</sup> inverters come with a manufacturer's warranty. This manufacturer's guarantee covers all manufacturing defects, quality defects and operating faults for a specific period. The manufacturer's guarantee is 10 years.