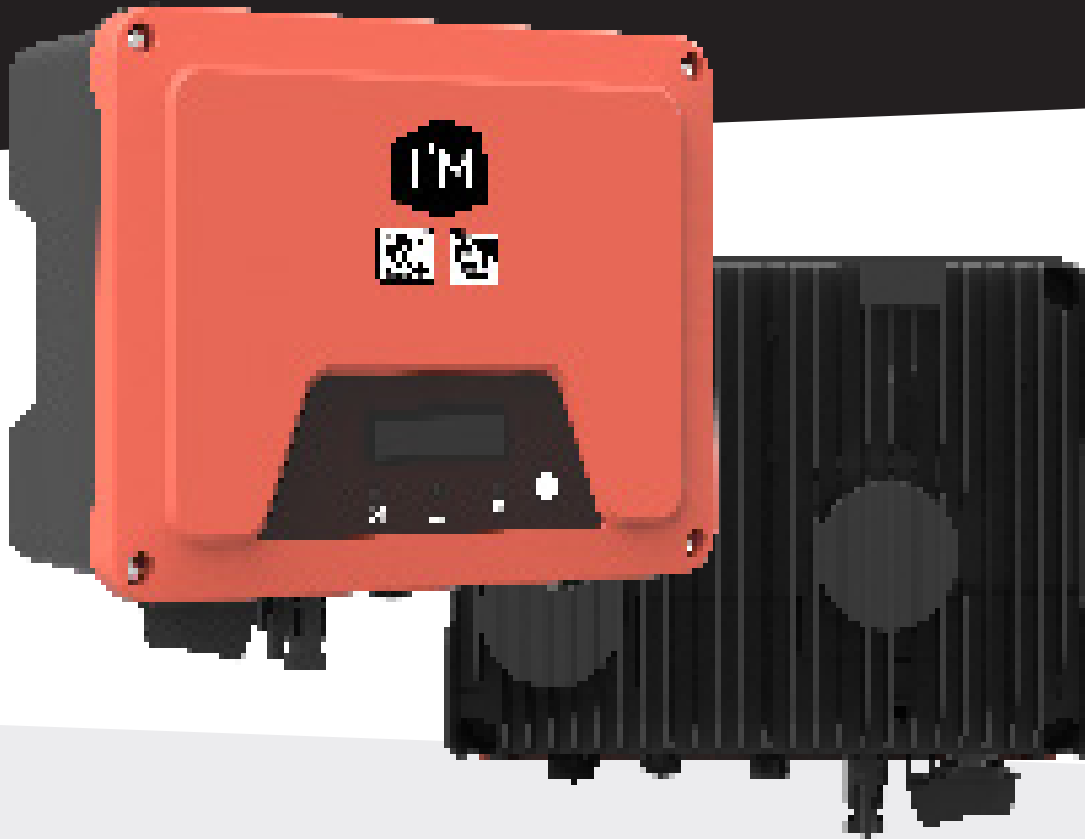




I'M SOLAR INVERTER HPK

Single phase 1MPTT 1-3K



Peak efficiency **97.6%**



Alluminium alloy die casting



Easy to install and service



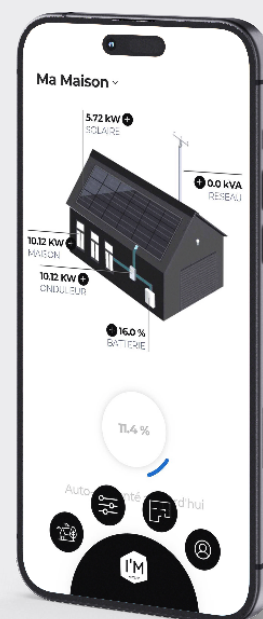
Max D.C. Overland **50%**



Light and compact



Pilote your home consumption



TECHNICAL DATA

MODEL	HPK-1000	HPK-1500	HPK-2000	HPK-2500	HPK-3000
INPUT / DC					
Max. PV Power/ Wp	1650	2475	3300	3750	4500
Max. Input Voltage/ V	500				
MPP Voltage Range/ V	50-450				
Start Up Voltage/ V	40				
Nominal DC-Input Voltage/ V	360				
Max. Input Current / A	13				
Max. DC Short Circuit Current / A	20				
No. of Independent MPPT Inputs					
No. of PV Strings per MPPT					
OUTPUT /AC					
Rated Power/ W	1000	1500	2000	2500	3000
Max. Apparent AC Power/ VA	1100	1650	2200	2750	3300
Rated Grid Voltage/ Vac	220/230/240				
Grid Connection	L-N-PE				
Rated Power Frequency / Hz	50/60				
Max. Output Current / A	5	7.5	10	12	13.8
Power Factor	0.8ind to 0.8cap				
THDi@ Rated Power	<3%				
EFFICIENCY					
Max. Efficiency	97.2%	97.3%		97.6%	
Euro. Efficiency	96.4%	96.6%		97.0%	
PROTECTION FUNCTION					
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	IL (DC), III (AC)				
Surge Protection	DC: Optional / AC: Type II				

TECHNICAL DATA

MODEL	HPK-1000	HPK-1500	HPK-2000	HPK-2500	HPK-3000
GENERAL DATA					
Dimensions (W'WD) / mm	297"223"117				
Weight/ kg	4.5			4.8	
Noise Emission (Typical) / dB(A)	<20				
User Interface	LCD&LED or LED				
DC Connection Type	MC4 (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	3000 (>3000 Derating)				
Protection Class (IEC 60529)	IP65				
Climatic Category (IEC 60721-3-4)	4K4H				
Topology	Transformerless				
Factory location	by Hypo in PRC				
Night Consumption / W					

I'M SAFE® 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® 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® 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.