



Pilote your home
consumption



TECHNICAL DATA

MODEL	HMS-600W	HMS-800W
INPUT / DC		
Recommended PV Module Power Range/ W	320-450 (2 pcs)	360-550 (2 pcs)
Max. Input Voltage/ V	60	
MPP Voltage Range/ V	16	
Start Up Voltage/ V	25-55	
Max. Input Current / A	15/15	
Max. DC Short Circuit Current / A	20/20	
OUTPUT /AC		
Rated Power/ W	600	800
Rated Grid Voltage/ Vac	220/230/240	
Grid Connection	L-N-PE	
Rated Power Frequency / Hz	50/60	
Max. Output Current / A	27	3.6
Power Factor	>0.99	
THDi@ Rated Power	<3%	
Max. Units per Branch	7	5
EFFICIENCY		
Max. Efficiency	96.5%	
Euro. Efficiency	>99.9%	
PROTECTION FUNCTION		
Anti-Islanding Protection	Integrated	
Input Reverse Polarity Protection	Integrated	
Output Over Current Protection	Integrated	
Output Short Circuit Protection	Integrated	
Over Voltage Protection	II (DC), III (AC)	

TECHNICAL DATA

MODEL	HMS-600W	HMS-800W
GENERAL DATA		
Dimensions (W*WD) / mm	230*190*46.5	
Weight/ kg	3.0	
Noise Emission (Typical) / dB(A)	20	
User Interface	LED	
DC Connection Type	MC4	
AC Connection Type	Plug-in Connector	
Communication	WiFi	
Cooling Method	Natural Cooling	
Operating Ambient Temperature/C'	-40- +65	
Relative Humidity	0%to100%	
Max.Operating Altitude/m	3000 (>3000 Derating)	
Protection Class (IEC 60529)	IP67	
Climatic Category (IEC 60721-3-4)	4K4H	
Topology	High Frequency Isolated	
Factory location	by Hypo in PRC	
Night Consumption / W	<50	

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.