



HMS

SINGLE PHASE MICRO INVERTER

600W/800W

- Designed for single phase grid connection
- Module-level DC voltage & MPP trackers
- Max efficiency - 96.5%
- Flexible & friendly installation
- 15A, Large PV input current
- IP67 Protection
- Stronger and stable communication
- Hypon.Cloud empowered

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	25-55	
Start Up Voltage / V	16	
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	2.7	3.6
Power Factor	>0.99	
THDi @ Rated Power	<3%	
Max. Units per Branch	7	5
EFFICIENCY		
Max. Efficiency	96.5%	
MPPT 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)	
GENERAL DATA		
Dimensions (W*H*D) / mm	202*163*32	
Weight / kg	2	2.2
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 / ºC	-40 ~ +65	
Relative Humidity	0% to 100%	
Max. Operating Altitude / m	3000 (>3000 Derating)	
Protection Class (IEC 60529)	IP67	
Climatic Category (IEC 60721-3-4)	4K4H	
Topology	High Frequency Isolated	
Night Consumption / mW	<50	