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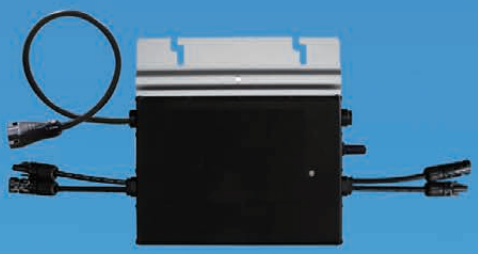

12-25 YEAR WARRANTY

HM-600T/700T/800T

The best daisy-chain microinverter with reactive power control for 2 solar panels

Highlights

- **Easy installation, just plug and play**
- **External antenna for stronger communication with DTU**
- **Power factor (adjustable) 0.8 leading……0.8 lagging**
- **High reliability; NEMA (IP67) enclosure; 6000V surge protection**

Safer | Smarter | More Powerful | More Reliable

sales@hoymiles.com +86-571-28056101 www.hoymiles.com

hoymiles

The World's Safest
solar solution for you and your family

Model	HM-600T	HM-700T	HM-800T
Input Data (DC)			
Commonly used module power (W)	240~380	280~440	320~500
Module compatibility	60-cell or 72-cell PV modules	60-cell or 72-cell PV modules	60-cell or 72-cell PV modules
Peak power MPPT voltage range (V)	29~48	33~48	34~48
Start-up voltage (V)	22	22	22
Operating voltage range (V)	16~60	16-60	16~60
Maximum input voltage (V)	60	60	60
Maximum input current (A)	2*11.5	2*11.5	2*12.5
Output Data (AC)			
Rated output power (VA)	600	700	800
Rated output current(A)	2.73 / 2.61 / 2.5	3.18 / 3.04 / 2.92	3.64 / 3.48 / 3.33
Nominal output voltage (V)	220 / 230 / 240	220 / 230 / 240	220 / 230 / 240
Nominal output voltage range (V)	180-275 [1]	180-275 [1]	180-275 [1]
Nominal frequency/range (Hz)	60/55-65 [1]	60/55-65 [1]	60/55-65 [1]
Power factor (adjustable)	>0.99 default 0.8 leading...0.8 lagging	>0.99 default 0.8 leading...0.8 lagging	>0.99 default 0.8 leading...0.8 lagging
Total harmonic distortion	<3%	<3%	<3%
Maximum units per branch(12AWG)	8 / 8 / 8	7 / 7 / 7	6 / 6 / 6
Maximum units per branch(10AWG)	11 / 11 / 12	9 / 9 / 10	8 / 8 / 9
Efficiency			
CEC peak efficiency	96.70%	96.70%	96.70%
CEC weighted efficiency	96.50%	96.50%	96.50%
Nominal MPPT efficiency	99.80%	99.80%	99.80%
Nighttime power consumption (mW)	<50	<50	<50
Mechanical Data			
Ambient temperature range (℃)	-40~+65		
Dimensions (W×H×D mm)	250 x 170 x 28		
Weight (kG)	2.6		
Enclosure rating	Outdoor-NEMA (IP67)		
Cooling	Natural convection – No fans		
Features			
Communication	2.4GHz Proprietary RF(Nordic)		
Monitoring	Hoymiles Monitoring System		
Warranty	Up to 25 years		
Compliance	UL1741, IEEE1547, CSA C22.2 No. 107.1-16, NOM-001-SCFI-1993, FCC Part15, ANSI C63.4, ICES-003, ABNT NBR 16149:2013, ABNT NBR 16150:2013, Anatel		

*1 Nominal voltage/frequency range can be changed due to the requirements of local power department.
*2 Refer to local requirements for exact number of microinverters per branch.