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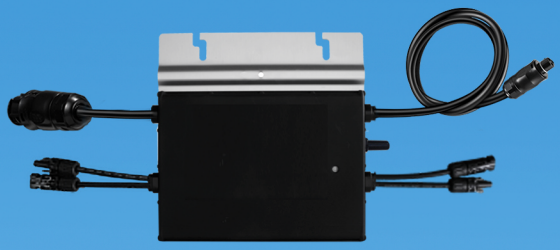

12-25 YEAR WARRANTY

HM-600LV/HM-700LV

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

Highlights

- Single microinverter connects two PV modules with individual MPPT
- Maximum output power up to 600/700W; Adapted to 60 & 72 cells PV panels
- Static MPPT efficiency 99.80%; Dynamic MPPT efficiency 99.76% in overcast weather
- High reliability; NEMA6 (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-600LV	HM-700LV
Input Data (DC)		
Commonly used module power (W)	240~380	280~440
Module compatibility	60-cell or 72-cell PV modules	60-cell or 72-cell PV modules
Peak power MPPT voltage range (V)	29~48	33~48
Start-up voltage (V)	22	22
Operating voltage range (V)	16~60	16-60
Maximum input voltage (V)	60	60
Maximum input current (A)	2*11.5	2*11.5
Output Data (AC)		
Rated output power (VA)	600	700
Rated output current(A)	5	5.83
Nominal output voltage / range (V)	120/95-155	120/95-155
Nominal frequency/range (Hz)	60/55-65	60/55-65
Power factor (adjustable)	>0.99 default 0.8 leading...0.8 lagging	>0.99 default 0.8 leading...0.8 lagging
Total harmonic distortion	<3%	<3%
Maximum units per branch [2]	5	4
Efficiency		
CEC peak efficiency	96.70%	96.70%
CEC weighted efficiency	96.50%	96.50%
Nominal MPPT efficiency	99.80%	99.80%
Nighttime power consumption (mW)	<50	<50
Mechanical Data		
Ambient temperature range (℃)	-40~+65	
Dimensions (W×H×D mm)	250 x 170 x 28	
Weight (kG)	3.0	
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.