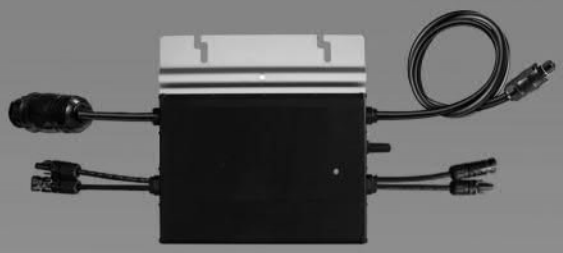
hoymiles

RALOS
AURINKOVOIMALAT



12-25 YEAR WARRANTY

HM-600/700/800

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
- Compliant with VDE-AR-N 4105: 2018 & EN50549-1: 2019
- 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-600	HM-700	HM-800
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 (V)	50/45-55 [1] or 60/55-65 [1]	50/45-55 [1] or 60/55-65 [1]	50/45-55 [1] or 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 [2]	8 / 8 / 8	7 / 7 / 7	6 / 6 / 6
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 (°C)	-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		
Compliance	VDE-R-N 4105: 2018, EN 50549-1: 2019, VFR 2019, IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-2/-3/-4, IEC/EN 61000-3-2/-3		

*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.

High Reliability Based on World's Top Supplier Partners

VISHAY · MICROCHIP · CREE · EPCOS · Infineon · Texas Instruments · muRata · NIPPON CHEMI-CON