



HME-1000/1200/1350/1500-AU

The Best in Its Class! The Microinverter
with reactive power control for 4 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 AS/NZS 4777.2 : 2015 & U.S. NEC 2014/2017 690.12 rapid shutdown
- High reliability; NEMA (IP67) enclosure; 6000V surge protection



Safer



Smarter



More Powerful



More Reliable



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Model	HME-1000-AU		HME-1200-AU		HME-1350-AU		HME-1500-AU	
Input Data (DC)								
Commonly used module power (W)	200~310		240~380 ¹		270~420		320~470 ¹	
Module compatibility	60-cell or 72-cell PV modules		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)	27~48		29~48		32~48		36~48	
Start-up voltage (V)	22		22		22		22	
Operating voltage range (V)	16~60		16-60		16~60		16~60	
Maximum input voltage (V)	60		60		60		60	
Maximum input current (A)	4*10.5		4*10.5		4*11.5		4*11.5	
Output Data (AC)								
Rated output apparent power (VA)	1000		1200		1350		1500	
Rated output current (A)	4.17	4.35	5	5.22	5.87	5.63	6.25	6.52
Nominal output voltage/range (V)	230/180-275 ²	240/180-275 ²	230/180-275 ²	240/180-275 ²	230/180-275 ²	240/180-275 ²	230/180-275 ²	230/180-275 ²
Nominal frequency/range (Hz)	50/45-55 ²		50/45-55 ²		50/45-55 ²		50/45-55 ²	
Power factor	>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		>0.99 default 0.8 leading...0.8 lagging	
Total harmonic distortion	<3%		<3%		<3%		<3%	
Maximum units per branch	5	5	4	4	3	3	3	3
Efficiency								
CEC peak efficiency	96.70%		96.70%		96.70%		96.70%	
CEC weighted efficiency	96.50%		96.50%		96.50%		96.50%	
Nominal MPPT efficiency	99.80%		99.80%		99.80%		99.80%	
Nighttime power consumption (mW)	<50		<50		<50		<50	
Mechanical Data								
Ambient temperature range (°C)	-40~+65							
Dimensions (W×H×D mm)	326 x 176 x 33							
Weight (kG)	4.35 (including 2.42m AC cable)							
Enclosure rating	Outdoor-NEMA (IP67)							
Cooling	Natural convection – No fans							
Features								
Communication	2.4GHz Proprietary RF(Nordic)							
Monitoring	Hoymiles Monitoring System							
Warranty	12 years standard, 25 years optional							
Compliance	VDE-AR-N 4105:2018, EN50549-1:2019, VFR2019, AS 4777.2:2015, IEC/EN 62109-1/-2, IEC/EN 61000-3-2/-3, IEC/EN-61000-6-1/-2/-3/-4							

¹Maximum DC power for each input at 25°C is limited to 350W according to AS/NZS 5033:2014 4.3.12

²Nominal voltage/frequency range can be changed due to the requirements of local power department