



## HME-1000T/1200T/1350T/1500T-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

Model	HME-1000T-AU	HME-1200T-AU	HME-1350T-AU	HME-1500T-AU
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**Input Data (DC)**

Commonly used module power (W)	200~310	240~380 <sup>1</sup>	270~420	320~470 <sup>1</sup>
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 <sup>2</sup>	240/180-275 <sup>2</sup>	230/180-275 <sup>2</sup>	240/180-275 <sup>2</sup>	230/180-275 <sup>2</sup>	240/180-275 <sup>2</sup>	230/180-275 <sup>2</sup>	240/180-275 <sup>2</sup>
Nominal frequency/range (Hz)	50/45-55 <sup>2</sup>		50/45-55 <sup>2</sup>		50/45-55 <sup>2</sup>		50/45-55 <sup>2</sup>	
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(12AWG)	5	5	4	4	3	3	3	3
Maximum units per branch(10AWG)	6	7	5	6	5	5	4	4

**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)	4.0
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

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

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