

## Microinverter Datasheet

**HMT-2000-4T** 

## **Description**

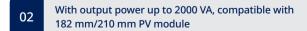
Hoymiles new generation microinverter HMT-2000 series is designed to accommodate the high-powered PV modules, with maximum output power up to 2000 VA and maximum DC input current up to 16 A.

The innovative 4-input design enables faster installation and lower cost, and makes HMT-2000 series a very cost-effective choice.

The new Sub-1G wireless solution enables more stable communication with Hoymiles gateway DTU. Smart platform S-Miles Cloud makes it possible to module-level monitoring and remote O&M.

## **Features**





03	Grid protection relay integrated
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## **Technical Specifications**

Model	HMT-2000-4T
Input Data (DC)	
Commonly used module power (W)	400 to 670+
Maximum input voltage (V)	65
MPPT voltage range (V)	16–60
Minimum/Maximum start-up voltage(V)	22/60
Maximum input current (A)	4×16
Maximum input short circuit current (A)	4 × 25
Number of MPPTs	2
Number of inputs per MPPT	2
Output Data (AC)	
Grid Type	Three Phase
Maximum continuous output power (VA)	2000
Maximum continuous output current (A)	3.03 × 3
Nominal output voltage (V)	220/380, 3W+N+PE
Nominal frequency (Hz)	60
Power factor (adjustable)	> 0.99 default
Total harmonic distortion	< 3%
Maximum units per 12 AWG branch <sup>1</sup>	6
Maximum units per 10 AWG branch <sup>1</sup>	10
Efficiency	
CEC peak efficiency	96.50%
Nominal MPPT efficiency	99.80%
Night power consumption (mW)	< 50
Mechanical Data	
Ambient temperature range (°C)	-40 to +65
Storage temperature range (°C)	-40 to +85
Dimensions (W $\times$ H $\times$ D [mm])	326 × 222 × 40.6
Weight (kg)	5.9
Enclosure rating	Outdoor-IP67
oling Natural convection-No fans	
Features	
Communication	Sub-1G
pe of isolation Galvanically Isolated HF Transformer	
Monitoring	S-Miles Cloud <sup>2</sup>
Compliance	ABNT NBR 16149:2013; ABNT NBR 16150:2013

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