

**Model**
**HM-1500**
**Input Data (DC)**

Commonly used module power (W)									300~470
Module compatibility									60-cell or 72-cell PV modules
Peak power MPPT voltage range (V)									36~48
Start-up voltage (V)									22
Operating voltage range (V)									16~60
Maximum input voltage (V)									60
Maximum input current (A)									4*11.5

**Output Data (AC)**

Rated output power (VA)									1500
Rated output current(A)									6.82 6.52 6.25
Nominal output voltage/range (V)	220/180-275 <sup>1</sup>	230/180-275 <sup>1</sup>	240/180-275 <sup>1</sup>	220/180-275 <sup>1</sup>	230/180-275 <sup>1</sup>	240/180-275 <sup>1</sup>	220/180-275 <sup>1</sup>	230/180-275 <sup>1</sup>	240/180-275 <sup>1</sup>
Nominal frequency/range (V)									50/45-55 <sup>1</sup> or 60/55-65 <sup>1</sup>
Power factor (adjustable)									>0.99 default 0.8 leading...0.8 lagging
Total harmonic distortion									<3%
Maximum units per branch <sup>2</sup>	1	2	2	1	2	2	3	3	3

**Efficiency**

CEC peak efficiency									96.70%
CEC weighted efficiency									96.50%
Nominal MPPT efficiency									99.80%
Nighttime power consumption (mW)									<50

**Mechanical Data**

Ambient temperature range (°C)									-40~+65
Dimensions (W×H×D mm)									280 x 176 x 33
Weight (kg)									3.75
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

<sup>1</sup> Nominal voltage/frequency range can be changed due to the requirements of local power department.

<sup>2</sup> Refer to local requirements for exact number of microinverters per branch.

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