

Three-phase Microinverter

HMT-1800/2250



The world's first three-phase microinverter with Reactive Power Control, can be widely used in the general 230V/400V three-phase electric power distribution. Each microinverter, with up to 6 PV modules connected, simplifies the installation process and ranks among the most cost effective solutions for commercial and industrial installations.



Three-phase output, more suitable for commercial and industrial applications.



Each microinverter supports up to 6 modules, faster installation and lower cost.



Up to 2250VA output, adapted to mainstream high-powered PV modules.



With Reactive Power Control, meets the requirements of EN50549-1:2019, VDE-AR-N 4105:2018, TOR Erzeuger : 2019-12, etc.



The Sub-1G wireless solution enables the stable communication when installed for commercial and industrial stations.

12-25 YEARS
WARRANTY

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Three-phase Microinverter

| Input Data (DC) | HMT-1800 | HMT-2250 |
|-----------------------------------|---|------------|
| Commonly used module power (W) | 240~380 | 300~470 |
| Peak power MPPT voltage range (V) | 29~48 | 36~48 |
| Start-up voltage (V) | 22 | |
| Operating voltage range (V) | 16~60 | |
| Maximum input voltage (V) | 60 | |
| Maximum input current (A) | 6*11.5 | |
| Output Data (AC) | | |
| Grid connection | Three phase | |
| Rated output power (VA) | 1800 | 2250 |
| Rated output current (A) | 2.61*3 | 3.26*3 |
| Nominal output voltage (V) | 230Vac/400Vac, 3W+N+PE | |
| Nominal frequency (Hz) | 50 / 60 | |
| Power factor (adjustable) | >0.99 default 0.8 leading...0.8 lagging | |
| Total harmonic distortion | <3% | |
| Maximum units per 12AWG branch | 7 | 6 |
| Maximum units per 10AWG branch | 11 | 9 |
| Efficiency | | |
| CEC peak efficiency | 96.0% | |
| Nominal MPPT efficiency | 99.8% | |
| Night power consumption (mW) | <100 | |
| Mechanical Data | | |
| Ambient temperature range (°C) | -40 ~ +65 | |
| Dimensions (W×H×D mm) | 330*250*35 | 330*250*37 |
| Weight (kg) | 5.5 | 6.0 |
| Enclosure rating | Outdoor-NEMA6 (IP67) | |
| Cooling | Natural convection-No fans | |
| Features | | |
| Communication | Sub-1G | |
| Monitoring | Hoymiles Monitoring System | |
| Compliance | VDE-R-N 4105: 2018, EN 50549-1: 2019, TOR Erzeuger : 2019-12, IEC/EN 62109-1/-2, IEC/EN 61000-3-2/-3, IEC/EN 61000-6-1/-2/-3/-4 | |