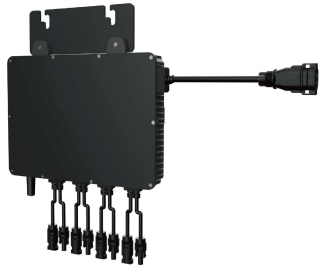


MRI600 / 2000 / 2400

MICRO INVERTER



Product advantages

- Easy to install and maintain with small size, light weight
- Up to 20A DC input current to be compatible with the high power PV module
- Low start up voltage and wide MPPT voltage range
- Safer with Rapid Shutdown function and isolated HF transformer
- Electrolytic-free capacitor for long life
- Sub 1G wireless communication
- IP67 protection grade, more reliable



Model	MR1600	MR2000	MR2400
DC input			
Recommended PV Module Power (STC) Range	200Wp to 670Wp*	200Wp to 670Wp*	200Wp to 670Wp*
Max. input voltage	58V	58V	58V
Start-up voltage	22V	22V	22V
MPPT operating voltage range	26-55V	26-55V	26-55V
Number of MPPT	4	4	4
Max. number of input strings per MPPT	1	1	1
Max. input current per MPPT	20A	20A	20A
Max. short-circuit current per MPPT	25A	25A	25A
AC Output			
Rated output power	1600VA	2000VA	2400VA
Max. output power	1760VA	2200VA	2640VA
Rated output current	7.3/7.0/6.7A	9.1/8.7/8.3A	10.9/10.4/10A
Rated grid voltage ⁽¹⁾	220/230/240V	220/230/240V	220/230/240V
Grid Voltage Range ⁽²⁾	176-276V	176-276V	176-276V
Rated grid frequency	50/60Hz	50/60Hz	50/60Hz
Grid frequency range	45-66Hz	45-66Hz	45-66Hz
THDI	≤3%	≤3%	≤3%
Power factor	1 (adjustable 0.8i-0.8c)	1 (adjustable 0.8i-0.8c)	1 (adjustable 0.8i-0.8c)
Maximum units per branch ⁽³⁾	4	4	4
Efficiency			
Max. MPPT efficiency	99.5%	99.5%	99.5%
Peak Efficiency	97.5%	97.5%	97.5%
General Datas			
Operating temperature range ⁽⁴⁾	-40~+65°C	-40~+65°C	-40~+65°C
Relative humidity range	5%-95% (non-condensing)	5%-95% (non-condensing)	5%-95% (non-condensing)
Max. operating altitude ⁽⁵⁾	<4000m	<4000m	<4000m
Topology	Galvanically Isolated	Galvanically Isolated	Galvanically Isolated
Degree of protection	IP67	IP67	IP67
Dimensions (W*H*D)	295*210*43mm	295*210*43mm	295*210*43mm
Cooling	Natural Cooling	Natural Cooling	Natural Cooling
Weight	5.5kg	5.5kg	5.5kg
Communication	Sub-1G	Sub-1G	Sub-1G
Standard	IEC/EN 61000-6-1/-3, IEC/EN 61000-1/-2, IEC/EN 61000-3-2, IEC/EN 61000-3-3, VDE 0110, EN 50549-1, NTS 631 typeA, EN 50549-1 (NFCA) typeA, ABNT NBR 16149/50		

[1],[2] According to local utility requirements. [3] Refer to the local requirements for qty. of microinverter per branch. [4] Refer to the temperature derating curve. [5] Refer to the derating curve.

* All specifications are subject to change without notice.