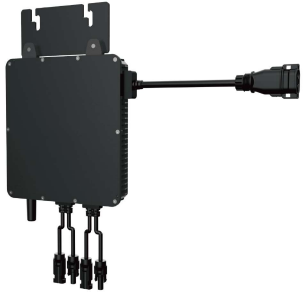


MR600 / 800 / 1000

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	MR600	MR800	MR1000
DC input			
Recommended PV Module Power (STC) Range	200Wp to 670Wp*	200Wp to 670Wp*	200Wp to 670Wp*
Max. input voltage	58V	58V	58V
Startup voltage	22V	22V	22V
MPPT operating voltage range	26-55V	26-55V	26-55V
Number of MPPT	2	2	2
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	600VA	800VA	1000VA
Max. output power	600VA	800VA	1100VA
Rated output current	2.72/2.61/2.5A	3.64/3.48/3.33A	4.5/4.3/4.2A
Rated grid voltage ^[1]	220/230/240V	220/230/240V	220/230/240V
Grid Voltage Range ^[1]	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 0.8l-0.8c)	1 (adjustable 0.8l-0.8c)	1 (adjustable 0.8l-0.8c)
Maximum units per branch ^[2]	10	8	6
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 ^[3]	<4000m	<4000m	<4000m
Topology	Galvanically Isolated	Galvanically Isolated	Galvanically Isolated
Degree of protection	IP67	IP67	IP67
Dimensions (W*H*D)	225*210*43mm	225*210*43mm	225*210*43mm
Cooling	Natural Cooling	Natural Cooling	Natural Cooling
Weight	4.2kg	4.2kg	4.2kg
Communication	Sub-1G	Sub-1G	Sub-1G
Standard	IEC/EN 61000-6-1/-3, IEC62109-1/-2, IEC62477, XP C 15-712-3, VDE4105, EN50549-1, NTS 631 TypeA, EN50549-1(NFC)/TypeA, ABNT NBR 16149/50		

[1], [2] According to local utility requirements. [3] Refer to the local requirements for city 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.