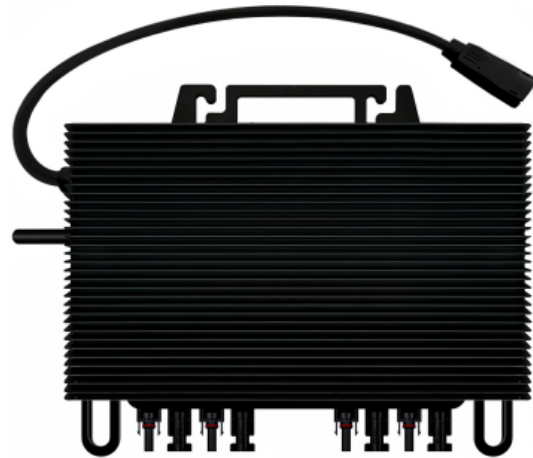




Microinverter

MR-1600W

MR-2000W



Product Description

- MARSROCK's new released G8 series high power microinverter with 2000VA+ output power
- Integrated with advanced module-level MPPT and data monitoring functions, boosts power generation, simplifies maintenance.
- Sub-1G wireless communication technology ensures stable communication for products in harsh environments.

Product Features



- High-power microinverter with an output power of up to 2000VA.
- Component-level MPPT and data monitoring, enhancing power generation efficiency and simplifying operation and maintenance
- With power regulation and reactive power compensation functions, compliant with VDE-AR-N 4105:2020, EN50549-1:2019, VFR2019, PTPIREE, NC RFG, IEC/EN 62109-1/-2, IEC/EN-61000-6-1/-3 standard.
- Easier installation and lower cost for the MARSROCK 4 in 1 unit Microinverte MR-1600/MR-2000.
- Designed life time more than 25 years, it offers exceptional quality, durability, and long-term stability.

Technical Specification

MODEL	1600	2000
Input Data (DC)		
Commonly used module power (W)	320~550+	400~670+
Peak power MPPT voltage range (V)	25~55	25~55
Start-up voltage (V)	22	22
Maximum input voltage (V)	65	65
Maximum input current (A)	14*4	16*4
Output Data (AC)		
Rated output power (VA)	1600	2000
Nominal output voltage (V)	220/230/240	220/230/240
Nominal output voltage range (V)	230/180-275	230/180-275
Nominal frequency/range (Hz)	50/45-55	50/45-55
Power factor (adjustable)	> 0.99 default	> 0.99 default
Total harmonic distortion	0.8leading-0.8lagging	0.8leading-0.8lagging
Output current harmonic distortion	<3%	<3%
Maximum units per branch (12AWG)	4	3
Efficiency		
CEC peak efficiency	96.5%	96.5%
CEC weighted efficiency	96.5%	96.5%
Nominal MPPT efficiency	99.9%	99.9%
Nighttime power consumption (mW)	<50	<50
Mechanical Data		
Ambient temperature range (°C)	-40 ~ +65	-40 ~ +65
Dimensions (W×H×D mm)	291×341×43.5	291×341×43.5
Weight (KG)	5.4	5.4
Protective rating (IP)	IP67	IP67
Cooling	Natural convection-No fans	Natural convection-No fans
Features		
Communication	Sub-1G	
Warranty	25 years optional	
Compliance	VDE-AR-N 4105:2020, EN50549-1:2019, VFR2019, PTPiREE,NC RFG,IEC/EN 62109-1/-2, IEC/EN-61000-6-1/-3	