Design and specifications are subject to change without notice.
Version 1.3-2025

HYXiPOWER

MICROINVERTER
HYX-M600/800/1000-S-NA
HYX-M600/800/1000-SW-NA

Safe & Reliable

- EMC-certified for household safety-level radiation
- 60V low-voltage operation, 6000V surge protection
- IP67(NEMA6), weatherproof and stable

Efficient & Optimized

- Start-up of 20V, 150% overload capacity for higher energy yield
- Module-level MPPT, supports 2 PV modules with 1000VA max. output
- 16A design, ideal for high-power PV modules

Easy & Flexible

- Compact hook design, easy installation
- Plug-and-play with flexible scalability
- Sub-1G and WiFi support, iMesh for stability

Smart & Manageable

- Intelligent layout with rapid module-level visualization
- Module-level monitoring for precise fault positioning
- One-click OTA enabling fast fault resolution

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HYX-M600/800/1000-S-NA
HYX-M600/800/1000-SW-NA

Technical Specifications

Product Model	HYX-M600-S-NA HYX-M600-SW-NA		HYX-M800-S-NA HYX-M800-SW-NA		HYX-M1000-S-NA HYX-M1000-SW-NA	
Input (DC)						
Typical Module Compatibility	240 - 450+ W		320 - 600+ W		400 - 670+ W	
Min./Max. MPPT Voltage	16 - 60V					
Max. Input Voltage	65V					
Start-up Input Voltage	20V					
Max. Input Current	2*16A					
Max. Short-circuit DC Input Current	2*20A					
Output (AC)						
Peak Output Power	600VA		800VA		1000VA	
Max. Continuous Output Power	548VA		720VA		960VA	
Max. Continuous Output Current	2.3A	2.6A	3A	3.5A	4A	4.6A
Nominal Output Voltage / Range	240V/211-264V	208V/183-228V	240V/211-264V	208V/183-228V	240V/211-264V	208V/183-228V
Nominal Frequency / Range	60Hz / 55-65Hz					
Power Factor (default / adjustable)	>0.99 / 0.8 leading…0.8 lagging					
THDi	< 3%					
Max. Units Per 10AWG Branch	10	9	8	6	6	5
Efficiency						
CEC Peak Efficiency	96.70%					
Nominal MPPT Efficiency	99.80%					
Night-time Power Loss	< 30mW					
General Data						
Operating Ambient Temperature	-40 to 149°F / - 40 to + 65°C					
Dimensions (W*H*D)	9.92*7.09*1.38" / 252*180*35mm					
Degree of Protection	IP67 (NEMA6)					
Cooling	Natural Cooling - No fans					
Weight	6.61lbs / 3kg					
Features						
Communication[1]	Sub-1G / Built-in WiFi					
Type of Isolation	High frequency transformers, Galvanically isolated					
Warranty	25 years					
Protection						
Input Reverse Connection Protection	Yes					
Output Overcurrent Protection	Yes					
Output Overvoltage Protection	Yes					
Anti-islanding Protection	Yes					
Output Short-circuit Protection	Yes					
Compliance						
Safety and EMC Compliance	UI1741, UL1741SB, IEEE1547.1, IEEE1547, CSA C22.2 No.107.1-16, IEEE 1547A, SRD-V2.0, FCC Part15B, ICES-003 Issue 7, NEC-2017 & NEC-2020 & NEC-2023 Article 690.12 Rapid shutdown of PV systems on Buildings					

1: **Sub-1G:** HYX-M600/800/1000-S-NA, **Built-in WiFi:** HYX-M600/800/1000-SW-NA
Nominal voltage/frequency range can vary depending on local requirements.
Refer to local requirements for exact number of microinverters per branch.