



MICRO INVERTER

HYX-M600/700/800/900/1000-S
HYX-M600/700/800/900/1000-SW

Reliable

- Low-voltage operation below 60V
- Built-in relay for physical disconnection
- IP67 degree of protection, adaptable to diverse scenarios

Efficient

- Module-level MPPT, output power up to 1000 VA
- 16A max. input current, compatible with 182/210 modules
- 20V start-up voltage, earlier start & later stop
- 150% DC oversizing, minimizing the cost of electricity

Simple

- Hook type design
- Easy expansion, plug-and-play

Intelligent

- Support Sub-1G & WiFi communication
- Module-level monitoring.
- Remote software upgrade, parameter configuration, alarm fault analysis

Product Model	HYX-M600-S HYX-M600-SW	HYX-M700-S HYX-M700-SW	HYX-M800-S HYX-M800-SW	HYX-M900-S HYX-M900-SW	HYX-M1000-S HYX-M1000-SW
Input (DC)					
Typical Module Compatibility	240 - 450* W	280 - 525* W	320 - 600* W	360 - 670* 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)					
Nominal Output Power	600VA	700VA	800VA	900VA	1000VA
Nominal Output Current	2.73A / 2.61A / 2.5A	3.18A / 3.04A / 2.92A	3.64A / 3.48A / 3.33A	4.09A / 3.91A / 3.75A	4.55A / 4.35A / 4.17A
Nominal Output Voltage	220V / 230V / 240V				
Adjustable Output Voltage Range	183 - 276V				
Nominal Frequency	50 / 60Hz				
Adjustable Output Frequency Range	45 - 55Hz, 55 - 65Hz				
Power Factor (default / adjustable)	>0.99 / 0.8 leading...0.8 lagging				
THDi	< 3%				
Max. Units Per 10AWG Branch	14 / 15 / 16	12 / 13 / 13	10 / 11 / 12	9 / 10 / 10	8 / 9 / 9
Max. Units Per 12AWG Branch	10 / 11 / 12	9 / 9 / 10	8 / 8 / 9	7 / 7 / 8	6 / 6 / 7
Efficiency					
Peak Efficiency	96.70%				
Nominal MPPT Efficiency	99.80%				
Night-time Power Loss	< 30mW				
General Data					
Operating Ambient Temperature	- 40 to + 65°C				
Dimensions (W*H*D)	252*180*35mm				
Degree of Protection	IP67				
Cooling	Natural Cooling - No fans				
Weight	3kg				
Features					
Communication ¹	Sub-1G Built-in WiFi				
Type of Isolation	High frequency transformers, Galvanically isolated				
Warranty	12 years standard, 25 years optional				
Protection					
Input Reverse Connection Protection	Yes				
Output Overcurrent Protection	Yes				
Output Overvoltage Protection	Yes				
Anti-islanding Protection	Yes				
Output Short-circuit Protection	Yes				

1: Sub-1G: HYX-M600/700/800/900/1000-S, Built-in WiFi: HYX-M600/700/800/900/1000-SW

※ Design and specifications are subject to change without notice.

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