

MICRO INVERTER

HYX-M1875/2000-SW

Version 1.2-2603

Design and specifications are subject to change without notice



Efficient & Optimized

- Start-up of 20V, 150% overload capacity for higher energy yield
- Module-level MPPT, supports 4 PV module with 2000VA max. output
- 16A design, ideal for high-power PV modules



Smart & Manageable

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



Safe & Reliable

- Built-in relay for emergency physical disconnection
- EMC-certified for household safety-level radiation
- 60V low-voltage operation, 6000V surge protection
- Ip67, weatherproof and stable



Easy & Flexible

- Compact hook design, easy installation
- Plug-and-play with flexible scalability
- WiFi support

Technical Specifications

HYX-M1875/2000-SW

Product Model	HYX-M1875-SW	HYX-M2000-SW
Input (DC)		
Typical Module Compatibility	375 - 670* W	400 - 670* W
Min./Max. MPPT Voltage	16 - 60V	
Max. Input Voltage	65V	
Start-up Input Voltage	20V	
Max. Input Current	4*16A	
Max. Short-circuit DC Input Current	4*20A	
Output (AC)		
Nominal Output Power	1875VA	2000VA
Nominal Output Current	8.52A / 8.15A / 7.81A	9.09A / 8.70A / 8.33A
Nominal Output Voltage	220V / 230V / 240V	
Adjustable Output Voltage Range ¹	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 ²	3 / 3 / 3	3 / 3 / 3
Max. Units Per 12AWG Branch ²	2 / 2 / 2	2 / 2 / 2
Efficiency		
Peak Efficiency	96.70%	
Nominal MPPT Efficiency	99.80%	
Night-time Power Loss	<30mW	

Technical Specifications

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Product Model	HYX-M1875-SW	HYX-M2000-SW
General Data		
Operating Ambient Temperature	- 40 to + 65°C	
Dimensions (W*H*D)	310*236*35.5mm	
Degree of Protection	Ip67	
Cooling	Natural Cooling - No fans	
Weight	5kg	
Features		
Communication	Built-in WiFi	
Type of Isolation	High frequency transformers, Galvanically isolated	
Warranty	15 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. Nominal voltage/frequency range can vary depending on local requirements.
2. Refer to local requirements for exact number of microinverters per branch.