

Micro Inverter

HYX-M1875-SW

Version 1.3-2607

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 1875VA 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-SW

Product Model	HYX-M1875-SW
Input (DC)	
Typical Module Compatibility	375 - 670 ⁺ W
Min./Max. MPPT Voltage	16 - 60Vd.c.
Max. Input Voltage	65Vd.c.
Start-up Input Voltage	20Vd.c.
Max. Input Current	4*16Ad.c.
Max. Short-circuit DC Input Current	4*20Ad.c.
Output (AC)	
Nominal Output Power	1875VA
Nominal Output Current	8.53Aa.c. / 8.16Aa.c. / 7.82Aa.c.
Nominal Output Voltage	220Va.c. / 230Va.c. / 240Va.c.
Adjustable Output Voltage Range ¹	183 - 276Va.c.
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
Max. Units Per 12AWG Branch ²	2 / 2 / 2
Efficiency	
Peak Efficiency	96.70%
Nominal MPPT Efficiency	99.80%
Night-time Power Loss	<30mW

Technical Specifications

HYX-M1875-SW

Product Model	HYX-M1875-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 Wi-Fi
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.