SINGLE-PHASE MICROINVERTER

The Hoymiles MIS-2750-W Pro series microinverter is designed for high-powered PV modules, delivering an output power of up to 2750 VA to significantly boost system power generation efficiency. It supports hassle-free plug-and-play installation, and the included 600 mm (23.62 inches) DC cable eliminates the need for extensions, greatly saving your costs and installation time. Additionally, its built-in Wi-Fi & Bluetooth module enables direct and reliable communication with the S-Miles Cloud.

MIS-2250/2500/2750-W Pro



Features

01 **Enhanced Performance and Increased Returns**
- *98.0% peak effiecency*
- *Operates at 45 °C (113 °F) with no power derating*
- *Next-generation topology DAB*

02 **Comprehensive Reliability**
- *Low failure rate*
- *Backed by 10000+ hours of testing*
- *12-year warranty*

03 **Easy & Cost-Effective Installation**
- *One-tap sync of settings to all devices*
- *Equipped with 600 mm DC cables*
- *Plug and play connection*

04 **Robust and Responsive Support Services**
- *Local technical support at Brazil and Mexico*
- *S-Miles AI assistant*

Technical Specifications

Model	MIS-2250-W Pro		MIS-2500-W Pro		MIS-2750-W Pro	
Input Data (DC)						
Commonly used module power (W)	450 to 750+		500 to 840+		550 to 928+	
Maximum input voltage (V)	120					
Min./Max. start-up voltage (V)	28/120					
MPPT voltage range (V)	22 to 120					
Maximum input current (A)	20					
Maximum input short-circuit current (A)	32					
Number of MPPTs	2					
Number of Inputs per MPPT	1					
Output Data (AC)						
Rated output power (VA)	2250		2500		2750	
Max. output current (A)	10.23	9.78	11.36	10.87	12.50	11.97
Nominal output voltage/range (V)	220 / 180 to 275	230 / 180 to 275	220 / 180 to 275	230 / 180 to 275	220 / 180 to 275	230 / 180 to 275
Nominal frequency/range (Hz)	50 / 45 to 55 or 60 / 55 to 65					
Adjustable power factor (@rated power)	> 0.99 default 0.8 leading ... 0.8 lagging					
Total harmonic distortion (@rated power)	< 3%					
Efficiency						
Peak efficiency	98.0%					
CEC efficiency	97.5%					
Nominal MPPT efficiency	99.8%					
Night power consumption (mW)	< 50					
Mechanical Data						
Ambient temperature range (°C)	-40 to +65 (-40 to +149 °F)					
Storage temperature range (°C)	-40 to +85 (-40 to 185 °F)					
Dimensions (W×H×D [mm])	290.7 × 297 × 42 (11.44 × 11.69 × 1.65 inches)					
Weight (kg)	4.4 (9.7 lbs)					
Enclosure rating	Outdoor - IP67					
Cooling	Natural convection - No fans					
Feature						
Communication	Wi-Fi and Bluetooth					
Topology	Galvanically Isolated HF Transformer					
Monitoring	S-Miles Cloud					
Compliance	PORTARIA INMETRO Nº 140, DE 21 DE MARÇO DE 2022, IEC 63027, NOM-001, UL1741, UL1699B					

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