

Datasheet

MICROINVERTER

Language: English



SOLAR MICROINVERTER

IPV-600/800/1000W-2T



SAFE

Low DC voltage, and invisible.

OPTIMIZATION

Individual MPPT for each module.

PLUG & PLAY

hand-in-hand design. Fewer add-ons. Faster installation.

Built-in WiFi

Complete in 30 seconds. Online smart monitoring.

QUALITY

Components selected from world-class brands.

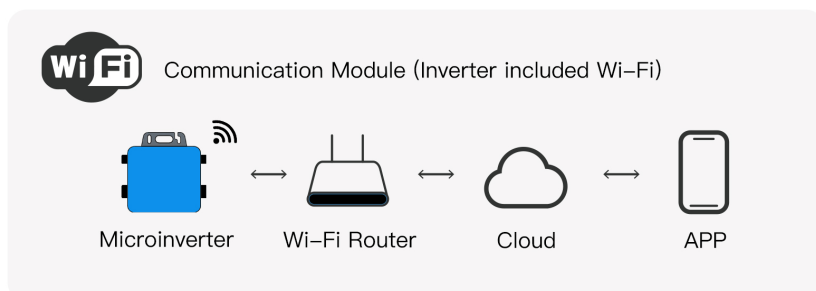
10 YEARS

Long 25 years lifetime. Up to 10 years warranty.

Technical Specifications

Model	IPV-600W-2T		IPV-800W-2T		IPV-1000W-2T	
Input Data (DC)						
Commonly used module power (W)	210 to 455W (2 Piece)		210 to 550W+ (2 Pieces)		210 to 650W+ (2 Pieces)	
Maximum input voltage (V)			60V			
MPPT voltage range (V)			22-55V			
Start-up voltage (V)			22V			
Maximum input current (A)			2×13A			
Maximum input short circuit current (A)			2×19A			
Number of MPPTs			2			
Number of Inputs per MPPT			1			
Output Data (AC)						
Rated output power (VA)	600VA		800VA		1000VA	
Rated output current (A)	2.7A	2.6A	3.6A	3.5A	4.5A	4.4A
Nominal output voltage/range (V)	220V/180-275V	230V/180-275V	220V/180-275V	230V/180-275V	220V/180-275V	230V/180-275V
Nominal frequency/range (Hz)	50/48-52Hz or 60/58-62Hz					
Power factor	>0.99					
Total harmonic distortion	< 3%					
Maximum units per 13 AWG branch ²	6		5		4	
Efficiency						
Peak efficiency	96.5%					
CEC peak efficiency	95%					
Nominal MPPT efficiency	99%					
Night power consumption (mW)	<50mW					
Mechanical Data						
Ambient temperature range (°C)	-40-65°C					
Dimensions (W x H x D mm)	210 x 230 x 39 mm					
Weight (kg)	2.88 kg					
Enclosure rating	IP67 Waterproof					
Cooling	Cooling Natural convection-No fans					
Features						
Communication	Built-in WiFi/Bluetooth					
Compliance	IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-2/-3/-4, IEC/EN 61000-3-2/-3, EN 50549-1: 2019, VDE-AR-N 4105: 2018					
Warranty	10 years					

Monitoring Platform



Application

