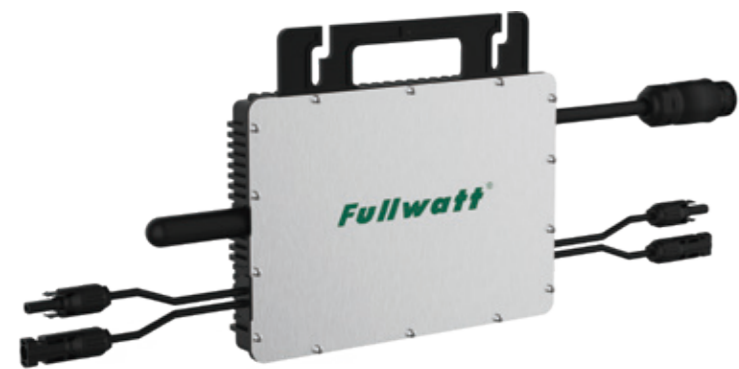





Micro Inverter F-MI 101



Features

-  1000W, recommended for dual max 750W PV module, supporting up to 2MPPT for Europe regions
-  Rapid shutdown function and isolated transformer
-  Zigbee and Built-in WiFi communication applicable
-  IP 67 is better for outdoor applications

Technical Data

Model	F-MI101-600	F-MI101-800	F-MI101-1000
DC Input			
Recommended Input Power (Stc) [W]	210-450	210-600	210-750
Maximum Input DC Voltage [V]	65		
MPPT Voltage Range [V]	20-60		
Max. DC Short Circuit Current [A]	2*18	2*20	2*25
Minimum Operating PV Voltage [V]	16		
Start-up Voltage [V]	22		
Max. Input Current [A]	2*12	2*14	2*16
Number of Mppt / Strings Per MPPT	2/1		
AC Output			
Rated Output Power [W]	600	800	1000
Rated Output Current [A]	2.7/2.6	3.6/3.5	4.5/4.35
Nominal Voltage Range [V]	220/176-242 230/184-265		
Nominal Frequency Range [Hz]	50/60		
Extended Frequency Range [Hz]	45-55/55-65		
Total harmonic distortion at rated power	<3%		
Power Factor at rated power	>0.99		
Maximum units per 12AWG branch	8	6	5
Efficiency			
CEC peak efficiency	96.5%		
Static MPPT Efficiency	99%		
Night Time Power Consumption [mW]	50		
Mechanical Data			
Ambient Temperature Range [°C]	-40-65		
Size [mm]	302*181*38		
Weight [kg]	3.2		
Cooling	Natural cooling		
Enclosure Environmental Rating	IP67		
Features			
Compatibility	Compatible with 60-72 cell PV modules		
Communication	WiFi/Zigbee		
Grid Connection Standard	EN50549-1, VDE0126-1-1, VDE 4105, ORDINANCE No. 140, IEEE1547,G98		
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3		
Warranty	10 years		