

Micro Inverter F-MI 102



Features

-  Build-in wifi for remote monitoring
-  MPPT efficiency 99.5%
-  Globally certificated
-  Smartphone APP monitoring
-  Waterproof grade IP 66

Technical Data

Model	F-MI 102-600	F-MI 102-800
DC Input		
Max.Input Power [W]	600	800
Max.Input Current [A]	12*2	16*2
Max.Input Voltage [V]	50	
Startup Voltage [V]	22	
Operating Voltage Range [V]	20-50	
MTTP Tracking Range [V]	22-48	
AC Output		
Unidirectional Network [V]	120/230	
Max.Output Power [W]	600	800
Nominal Output Voltage [VAC]	120/230	
Nominal Output Current [A]	5/2.6	6.6/3.4
Nominal Output Voltage Range [V]	80-160/180-270	
Nominal Frequency/Range [Hz]	50/60	
Nominal Frequency/Range Range [Hz]	48-51/58-61	
Power Factor	>0.99%	
THDi@Rated Power	<5%	
Efficiency		
Peak Efficiency	95%	
MPPT Efficiency	99.5%	
Night Power Consumption [W]	<1	
General Information		
Protection Degree	IP66	
Operating Ambient Temperature Range[°C]	-40~+65	
Storage Temperature Range [°C]	-40~+85	
Weight [KG]	2	
Dimensions(WxHxD) [mm]	310*185*45	
Max.AC Bus Cable Current [A]	20	
Cooling Mode Natural Convection	Fanless	
Other Functions		
Communication Method	WIFI	
Transformer Type	High Frequency Transformer,No Isolation	
Protections	Shutter Island,Voltage,Current,Temperature,Frequency	
Certifications	EN IEC61000-3-2:2019+A1:2021,EN 61000-3-3:2013+A1:2019+A2:2021,EN IEC55014-2:2021	