INNOFLOW

Product overview

SOLAR ENERGY EQUIPMENT

Microinverter

IF-MI-G4



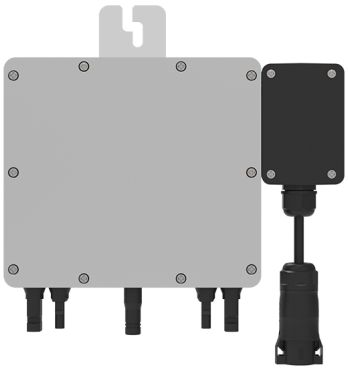
Product series reference. Match the model, capacity, voltage and mounting variant in the following tables and drawings to the selected configuration.

TECHNICAL OVERVIEW
Selected product data and drawings. This document is not an installation manual.

Product views



View 1



View 2

INNOFLOW

Electrical and mechanical data

Model	IF-MI600-G4-EU	IF-MI800-G4-EU	IF-MI1000-G4-EU
PV String Input Data			
Max. PV Input Power (W)	210-420(2 Pieces)	210-560(2 Pieces)	210-700(2 Pieces)
Max. PV Input Voltage (V)	60		
Start-up Voltage (V)	20		
MPPT Voltage Range (V)	25-55		
Rated PV Input Voltage (V)	42.5		
Max. Operating PV Input Current (A)	13+13		
Max. Input Short Circuit Current (A)	19.5+19.5		
No. of MPP Trackers/ No. of Strings MPP Tracker	2/1		
AC Output Side			
Rated AC Output Active Power (W)	600	800	1000
Max. AC Output Apparent Power (VA)	600	800	1000
Rated AC Output Current (A)	2.8/2.7	3.7/3.5	4.6/4.4
Max. AC Output Current (A)	2.8/2.7	3.7/3.5	4.6/4.4
Rated Output Voltage/Range (V)	220/230 0.85Un-1.1Un		
Grid Connection Form	L/N/PE		
Rated Output Grid Frequency/Range(Hz)	50/45-55, 60/55-65		
Max. Unit per Branch	8	6	5
Power Factor Adjustment Range	0.9 leading-0.9 lagging		
Total Current Harmonic Distortion THDi	<3%		
DC Injection Current	<0.5%In		
Efficiency			
Max. Efficiency	96.5%		
Euro Efficiency	96.0%		
MPPT Efficiency	>99%		
Equipment Protection			
DC Reverse Polarity Protection	Yes		
AC Output Overcurrent Protection	Yes		
AC Output Overvoltage Protection	Yes		
AC Output Short Circuit Protection	Yes		
Thermal Protection	Yes		
Insulation Impedance Detection	Yes		
Anti-islanding Protection	Yes		
Surge Protection Level	TYPE II(AC)		
Interface			
Communication Interface	Wi-Fi		
General Data			
Operating Temperature Range (°C)	-40 to +65°C, >45°C Derating		
Permissible Ambient Humidity	0-100%		
Permissible Altitude (m)	2000m		
Noise (dB)	≤25		
Ingress Protection(IP) Rating	IP 67		
Inverter Topology	Isolated		
Over Voltage Category	OVC II(DC), OVC III(AC)		
Cabinet Size (WxHxD mm)	280.5×190×40 (Excluding Connectors and Brackets)		
Weight (kg)	3		

Values and units follow the identified source variant.