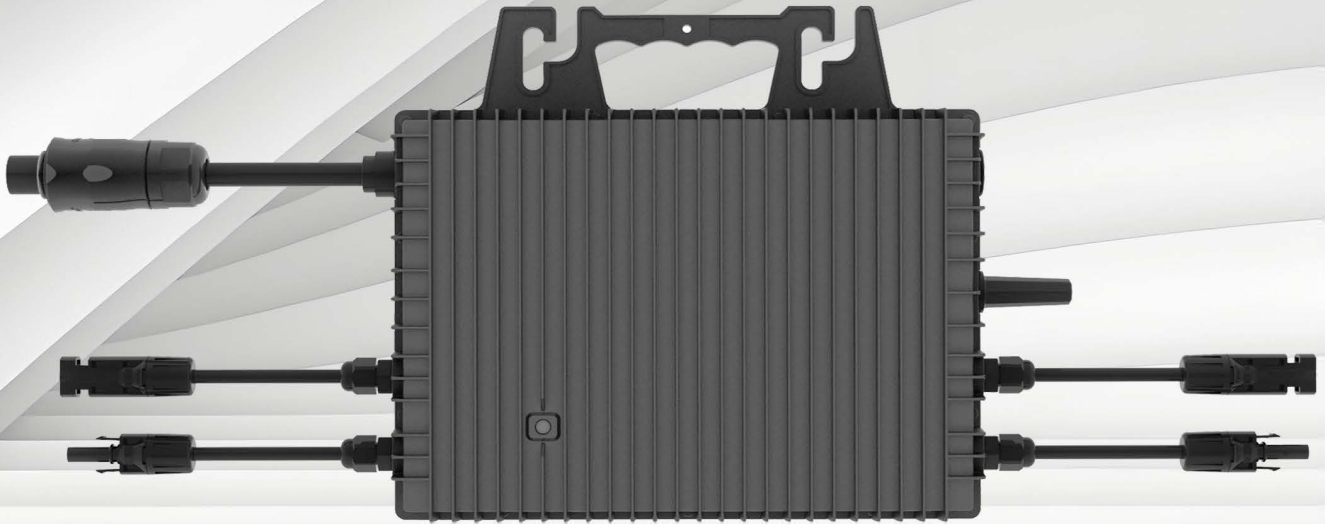




Micro-inverter

2-in-1 design

- Built in WiFi and Bluetooth
- Max. PV input current up to 20A



Max. output power up
1000 VA.
Two independent MPPTs.



Max. PV input current up
to 20A.



WiFi and Bluetooth
Integrated to achieve high
reliability.



Enhanced safety with rapid
shutdown function.



Easy installation, suitable for
quick-plug balcony PV system.



IP67 protection degree.

	FARAN-MiCro 600	FARAN-MiCro 800	FRARN-MiCro 1000
2-in-1 design			
Recommended PV module power (STC)	320 - 540+W	360 - 600+W	400 - 670+W
Input data (DC)			
Input voltage		16-60V	
DC input current	0-12A	0-20A	0-20A
Maximum input short-circuit current		25A	
MPPT voltage range		16-60V	
Starting voltage		22V	
Output data (AC)			
Nominal Output Power	600W	800W	1000W
Output voltage		230V	
Nominal output current	2.61A	3.48A	4.35A
Frequency		50Hz	
Total harmonic distortion (@nominal power)		<3%	
DC injection current		<0.5% In	
Efficiency			
Peak efficiency		97.3%	
Nominal MPPT efficiency		99.6%	
Mechanical data			
Dimensions (width x height x depth)		256*188*37.5mm	
Weight		3.3kg	
Ambient temperature range		-40-65°C	
Storage temperature range		-40-85°C	
Other			
Communication		Built in WiFi and Bluetooth	
Enclosure rating		IP67	
Energy management		Powerhome application	
Cooling		natural convection	
Height		<3000 m	
Pollution level		PD3	
Protection level		I	
Surge protection Level		PV: II, general current: III	
Warranty		Standard 12 years; 25 years optional	
Standard			
Compliance	IEC62109-1/-2, IEC61000-6-1/-21-3-4, IEC61000-3-2, IEC61000-3-3, IEC 61727, IEC 62116, IEC 61683, EN50549-1:2019, VDE-AR-N 4105: 2018, VFR 2019, RD1699:2011, CEIO-21:2019, ABNT NBR 16149-ABNT NBR 16150, AS/NZS 4777.2:2015		