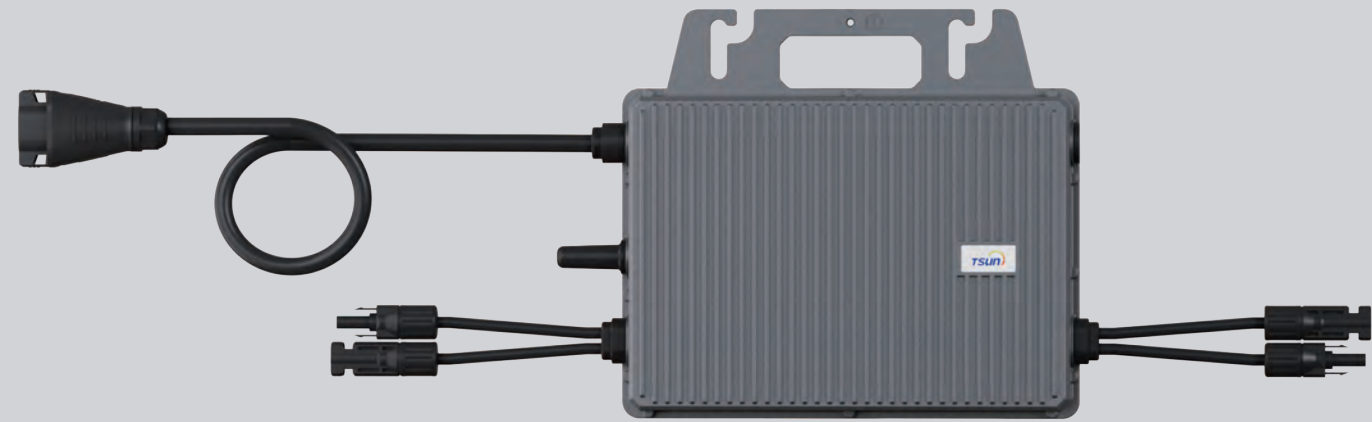


GEN3 Microinverter 2-in-1 (Balcony) (600W-1000W)



96.7%
Peak Efficiency
up to 96.7%



Standard Accessories



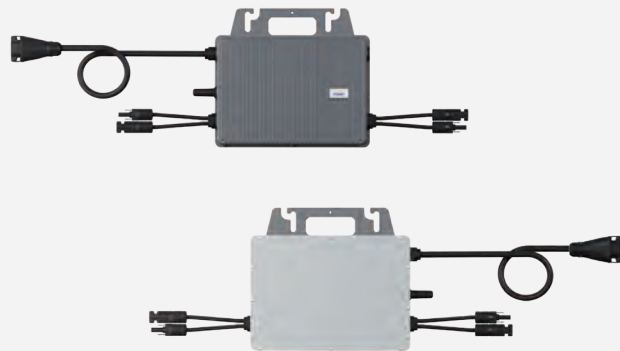
5m AC End Cable with
Schuko Socket
(10m/15m optional)

Optional Accessories



Installation Kit

AC Cable:18AWG, 0.5m



Input (DC)	MS600 Balcony	MS700 Balcony	MS800 Balcony	MX800 Balcony	MX900 Balcony	MX1000 Balcony
Recommended Module Power [W]	300-550+	300-550+	300-550+	300-600+	300-600+	300-600+
Quantity of PV Module	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2	1 to 2
Start up Voltage [V]	22	22	22	22	22	22
MPPT Voltage Range [V]	16~60	16~60	16~60	16~60	16~60	16~60
Max. Input Voltage [V]	60	60	60	60	60	60
Short Circuit Current per Input [A]	20	20	20	20	20	20
Max. Input Current per Input [A]	14	14	14	16	16	16
Quantity of MPPTs	2	2	2	2	2	2
Quantity of DC Inputs	2	2	2	2	2	2
Output (AC)						
Nominal Continuous Output Power [W]	600	700	800	800	900	1000
Max. Output Current [A]	3	3.19	4	4	4.5	5
Nominal Output Voltage [V]	220/230/240, L/N/PE					
Nominal Frequency [Hz]	50/60					
Power Factor	>0.99 default, 0.8 leading ... 0.8 lagging					
Output Current Harmonic Distortion	<3%					
Efficiency						
Peak Inverter Efficiency	96.7%					
EU Efficiency	96.5%					
Nominal MPPT Efficiency	99.9%					
Night Time Power Consumption	<50 mW					
Mechanical Data						
Dimensions [WxHxD mm]	250 * 223 * 30			261 * 228 * 32		
Weight [kg]	2.6			2.8		
General Data						
Communication	WiFi (Bluetooth)					
Cable/Assembling	AC Cable up to 0.5m					
Type of Isolation	HF Isolation					
Type of Enclosure	IP67					
Cooling	Natural convection					
Operating Ambient Temperature Range	-40 ~ +65 °C (derating of over 50°C Ambient Temperature@ PV input 30V)					
Relative Humidity	100%					
Max. Operating Altitude Without Derating [m]	2000					

※ The AC voltage and frequency range may vary depending on specific country grid.

Wiring Diagram(Balcony)

