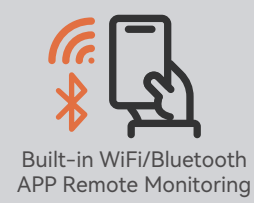
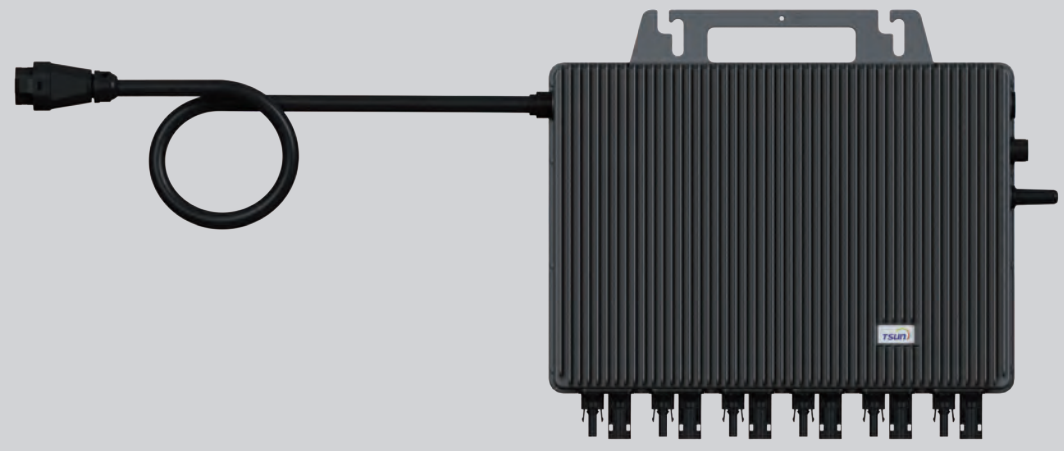


GEN3 Microinverter 6-in-1 (Balcony) (800W-3300W)



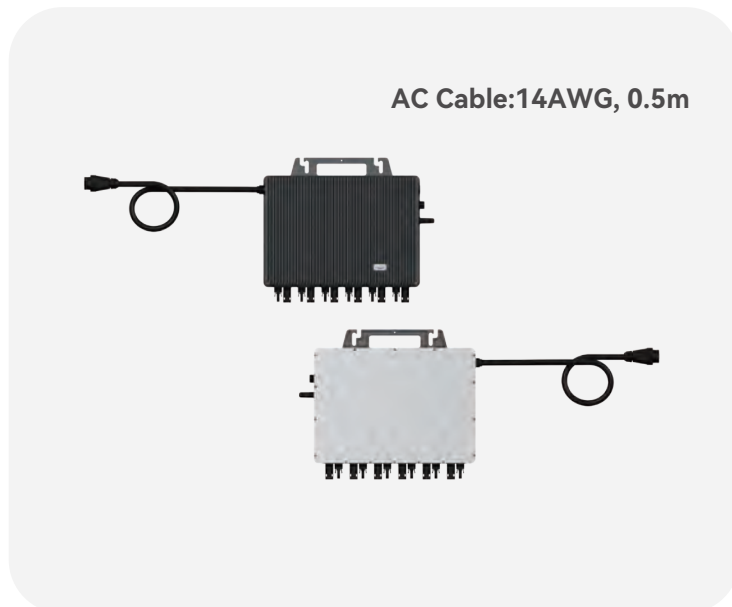
97.0%
Peak Efficiency
up to 97.0%



Standard Accessories



Optional Accessories



Input (DC)	MX3000D(800)	MX2400D	MX2500D	MX2700D	MX3000D	MX3300D
Recommended Module Power [W]	300 - 600+	300 - 600+	300 - 600+	300 - 600+	300 - 600+	400 - 700+
Quantity of PV Module	1 to 6	1 to 6	1 to 6	1 to 6	1 to 6	1 to 6
Start up Voltage per Input@Rated condition [V]	22	22	22	22	22	22
MPPT Voltage Range per Input [V]	16~60	16~60	16~60	16~60	16~60	16~60
Max. Input Voltage per Input [V]	60	60	60	60	60	60
Short Circuit Current per Input [A]	25	25	25	25	25	25
Max. Input Current per Input [A]	18	18	18	18	18	18
Quantity of MPPTs	3	3	3	3	3	3
Quantity of DC Inputs	6	6	6	6	6	6

Output (AC)						
Nominal Continuous Output Power [W]	800	2400	2500	2700	3000	3300
Max. Output Current [A]	4	12	12.5	13.5	15	16.5
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	97.0%
EU Efficiency	96.7%
Nominal MPPT Efficiency	99.9%
Night Time Power Consumption	<50 mW

Mechanical Data	
Dimensions [WxHxD mm]	380 * 309 * 49
Weight [kg]	8.2

General Data	
Communication	WiFi (Bluetooth) + RS485
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)

