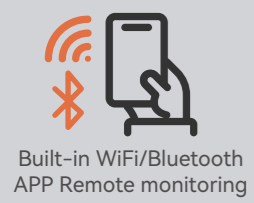
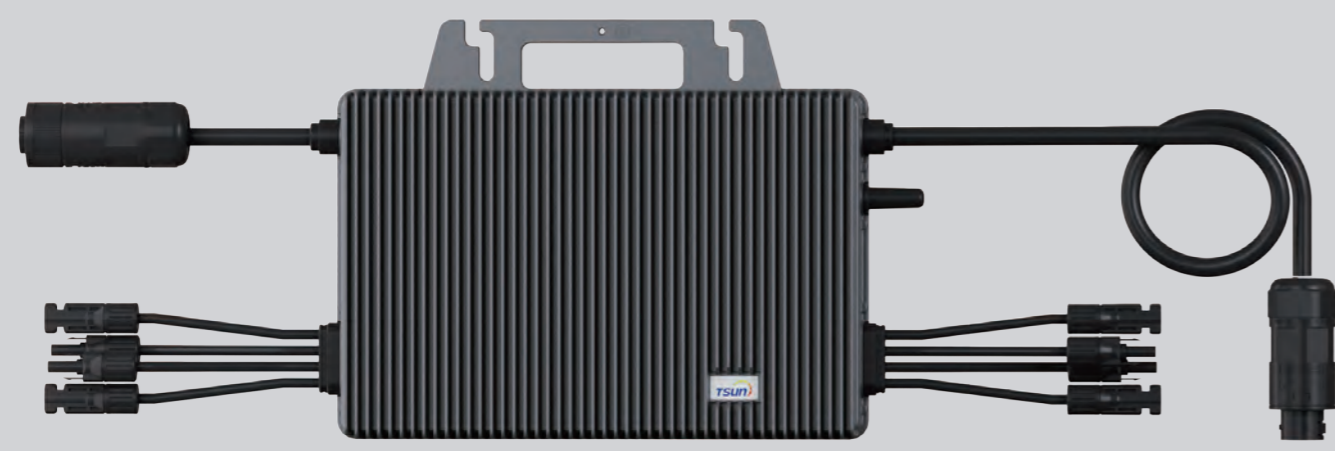


GEN3 Microinverter 4-in-1 (Daisy-chain) (1600W-2250W, 2 MPPT)



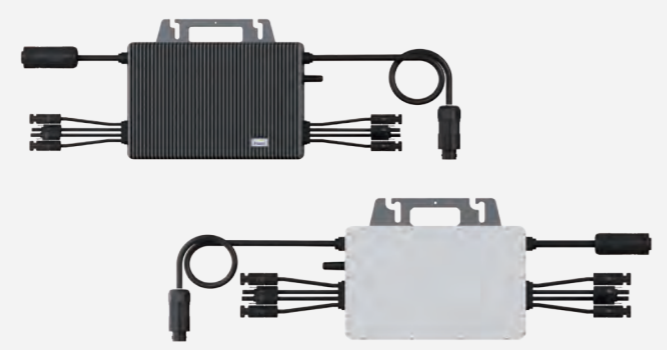
97.0%
Peak Efficiency up to 97.0%



Optional Accessories



AC Cable: 12AWG/10AWG, 2.52m



Input (DC)	MX1600D	MX1800D	MX2000D	MX2250D
Recommended Module Power [W]	300 - 600+	300 - 600+	300 - 600+	400 - 700+
Quantity of PV Module	1 to 4	1 to 4	1 to 4	1 to 4
Start up Voltage per Input@Rated condition [V]	22	22	22	22
MPPT Voltage Range per Input [V]	16~60	16~60	16~60	16~60
Max. Input Voltage per Input [V]	60	60	60	60
Short Circuit Current per Input [A]	25	25	25	25
Max. Input Current per Input [A]	18	18	18	18
Quantity of MPPTs	2	2	2	2
Quantity of DC Inputs	4	4	4	4

Output (AC)	MX1600D	MX1800D	MX2000D	MX2250D
Nominal Continuous Output Power [W]	1600	1800	2000	2250
Max. Output Current [A]	8	9	10	11.25
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%			
Maximum units per 12AWG branch	4	4	3	3
Maximum units per 10AWG branch	6	5	5	4

Efficiency	MX1600D	MX1800D	MX2000D	MX2250D
Peak Inverter Efficiency	97.0%	97.0%	97.0%	97.0%
EU Efficiency	96.7%	96.7%	96.7%	96.7%
Nominal MPPT Efficiency	99.9%			
Night Time Power Consumption	<50 mW			

Mechanical Data	MX1600D	MX1800D	MX2000D	MX2250D
Dimensions [WxHxD mm]	331 * 261 * 44			
Weight [kg]	5.5			

General Data	MX1600D	MX1800D	MX2000D	MX2250D
Communication	WiFi (Bluetooth) or RS485			
Cable/Assembling	AC Cable up to 2.52m			
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 (Daisy-chain)



MODEL	Maximum units per AC branch	
	12AWG	10AWG
MX1600D	4	6
MX1800D	4	5
MX2000D	3	5
MX2250D	3	4