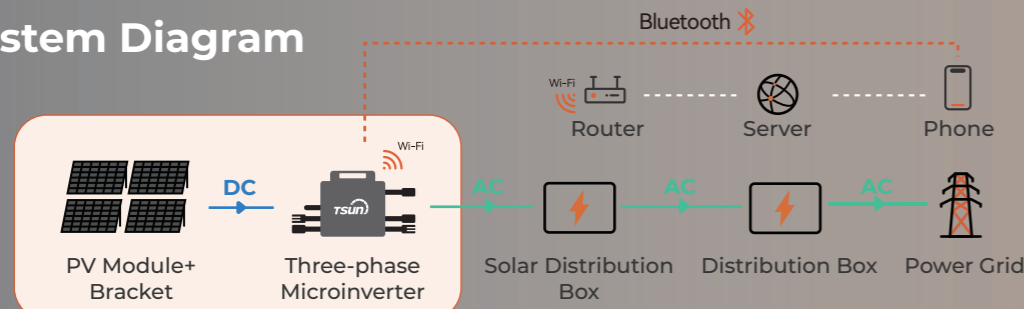


GEN3 Three Phase Microinverter 6-in-1(Daisy-chain)

TSOL-MX2400D-T/MX2700D-T/MX3000D-T



System Diagram



Maximized Efficiency

Individual optimization, se-parate dedicated MPPT for each panel.New topology design, max. efficiency up to 97.0%.

Flexibility & Safety

Plug & play installation, Easy to install. Max. DC voltage 60V. No threat for high DC voltage.Integrated LoM protection function. Ensure the safety of power grid.

Reliability

Die casting design and glue filling technology. Better thermal dissipation. Standard 12 years warranty, Quality guaranteed.

CE VDE 4105 EN 50549 INMETRO

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Technical Data (Daisy-chain)

Model	MX2400D-T	MX2700D-T	MX3000D-T
Input(DC)			
Recommended Module Power (Wp)	300 ~ 600+	300 ~ 600+	300 ~ 600+
Quantity of PV Module	1 to 6	1 to 6	1 to 6
Start up Voltage per Input@Rated condition (V)	22	22	22
MPPT Voltage Range per Input (V)	16 ~ 60	16 ~ 60	16 ~ 60
Max. Input Voltage per Input (V)	60	60	60
Short-current(A)	25	25	25
Max. Input Current per Input (A)	18	18	18
Quantity of MPPT	3	3	3
Quantity of DC Inputs	6	6	6
Output [AC]			
Nominal Continuous Output Power (W)	2400	2700	3000
Max Output Current [A]	3*4	3*4.5	3*5
Nominal Output Voltage [V]	220/380 or 230/400, 3L/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	9	8	7
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 * 2		
Cable/Assembling	AC Cable up to 3.75m		
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 , frequency range and plug type may vary depending on specific country grid.

Wiring Diagram (Daisy-chain)



Maximum units per AC branch

MODEL	12AWG
MX2400D-T	9
MX2700D-T	8
MX3000D-T	7