GEN3 Microinverter 6-in-1 (2400W-3300W)

Daisy-chain/Trunk Cable/Balcony

Built-in WiFi, Bluetooth
APP Remote
Monitoring & Control

97.0%
Peak Efficiency
up to 97.0%

Plug & Play
Installation

Maximized Efficiency

Individual optimization, se-parate dedicated MPPT for each panel.
New topology design, max. efficiency up to 96.7%.

Flexibility

Suitable for TSOL-ESK series AC module solution.
Plug & play installation, Easy to install.

Safety

Max. DC voltage 60V. No threat for high DC voltage.

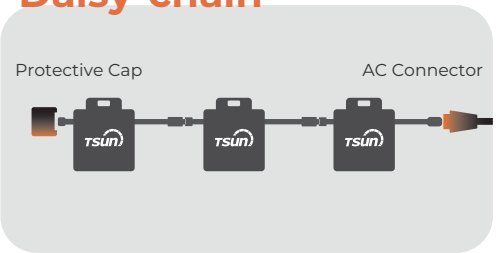
Integrated LoM protection function. Ensure the safety of power grid.

Reliability

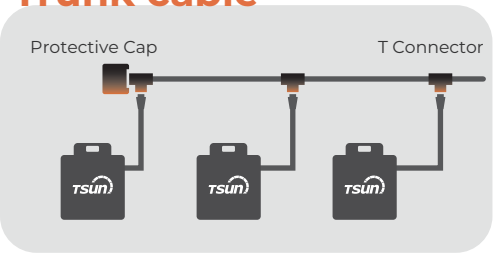
Die casting design and glue filling technology. Better thermal dissipation.

Standard 12 years warranty, quality guaranteed.

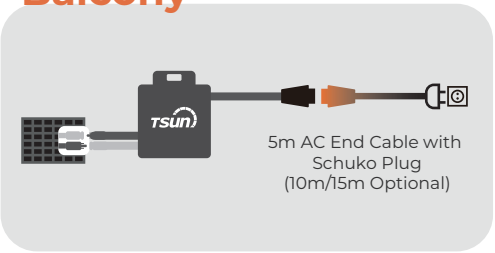
Daisy-chain



Trunk cable



Balcony



TSUNESS Co., Ltd

sales@tsun-ess.com www.tsun-ess.com +86-512-66186028

Model	TSOL-MX2400D	TSOL-MX2500D	TSOL-MX2700D	TSOL-MX3000D	TSOL-MX3300D
Input (DC)					
Recommended Module Power (Wp)	400 ~ 700+				
Quantity of PV Module	1 to 6				
Start up Voltage per Input@Rated Condition (V)	22				
MPPT Voltage Range per Input (V)	16 ~ 60				
Max. Input Voltage per Input (V)	60				
Short-current (A)	25				
Max. Input Current per Input (A)	18*				
Quantity of DC Inputs	6				
Output (AC)					
Nominal Continous Output Power (W)	2400	2500	2700	3000	3300
Max Output Current (A)	12	12.5	13.5	15	15.9
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*	3	3	2	2	2
Maximum Units per 10AWG Branch*	4	4	3	3	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 x 313 x 49				
Weight (kg)(Daisy-chain)	8.2				
Weight (kg)(Trunk Cable/Balcony)	7.5				
General Data					
Communication	Wi-Fi (Bluetooth), 2 x RS485(Optional)				
Cable/Assembling	AC Cable up to 3.7m (Daisy-chain) AC Cable up to 0.5m with T Connector (Trunk Cable) AC Cable up to 0.5m (Balcony)				
Type of Isolation	HF Isolation				
Ingress Protection	IP67				
Cooling	Natural Convection				
Operating Ambient Temperature Range	-40 ~ +65°C (Derating of over 40°C ambient temperature @Rated condition)				
Relative Humidity	100%				
Max. Operating Altitude without Derating (m)	2000				

*For Daisy-chain & Trunk Cable