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%.

Safety

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

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

Flexibility

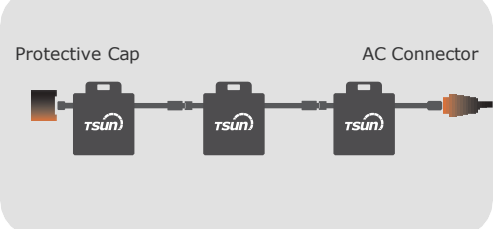
Suitable for TSOL-ESK series AC module solution.
Plug & play installation, Easy to install.

Reliability

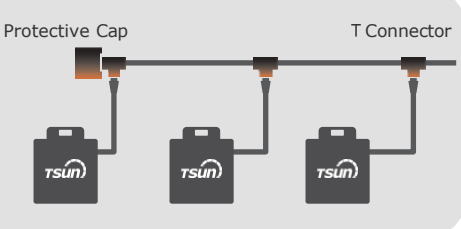
Die casting design and glue filling technology. Better thermal dissipation.

Standard 12 years warranty, quality guaranteed.

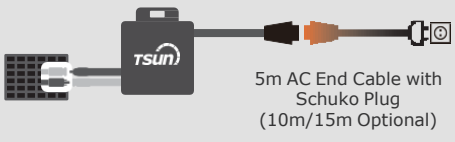
Daisy-chain



Trunk cable



Balcony



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Model	TSOL-MS2400	TSOL-MS2500	TSOL-MS2700	TSOL-MS3000	TSOL-MS3300
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