TSUN Microinverter

TSOL-MG800



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Model	TSOL-MG800
Input (DC)	
Recommended Module Power (Wp)	400 ~ 800+
Quantity of PV Module	1
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)	20
Quantity of MPPT	1
Quantity of DC Inputs (MC4)	1
Output (AC)	
Nominal Continous Output Power (W)	800
Max Output Current (A)	4
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
General Data	
Communication	Wi-Fi (Bluetooth) or 4G, RS485
Cable/Assembling	AC Cable up to 0.5m with T Connector
Type of Enclosure	HF Isolation
Type of Isolation	IP67
Cooling	Natural Convection
Operating Ambient Temperature Range	-40 ~ +65°C (Derating of over 40°C ambient temperature @PV input 30V)
Relative Humidity	100%
Max. Operating Altitude Without Derating (m)	2000

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