

For Residential Solar Rooftop Installation

Installation -T-SOL Mini 5kw Grid Connected Inverter

Cost Competitive
Reliable Quality
10 Yr Warranty



T-Sol- Mini Grid-Connected Solar Inverter

Transformer-less—Reliable, Single-phase, Fashion Design Inverter
Peak Efficiency of 97.3%
European Efficiency of 96.7%
Mini Rugged design, Reliable, Proven



Installation -T-SOL Mini 5kw Highlights

- 1kW to 5kW units can be selected for different capacity power solution
- Easy for Installation—compact and lightweight solution-Only 22kgs
- Ideal for roof-mounted systems
- Indoor or outdoor Installation-IP65 Degree
- Wide environmental operating range (-25° C to +65° C)
- Built-in cooling fans; higher reliability
- Integrated monitoring
- Wide ranged built-in Protection function designed
- 550VAC (transformer-less) output voltage

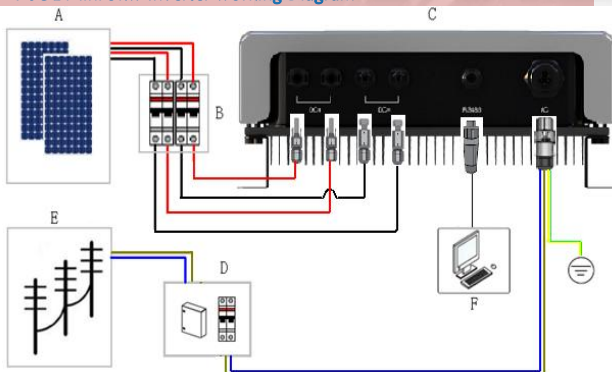
T-SOL Mini 5kw Inverter Options: Classical Red / Gorgeous Silver



T-SOL Mini 5kw Inverter Interior Reference



T-SOL Mini 5kw Inverter working Diagram



T-sol inverter	Feature	
Item -New Generation;	TSA5KTL-S	
Delivery period (Week)	1-4w	
Type	Outdoor	
Input DC	Max DC power	5200W
	Max. DC input voltage	550 V
	Full Load-MPP voltage range	260V-420V
	Rated input voltage (V)	360V
	Maximum input current	20A
	Number of MPP inputs	1
	Number of DC inputs	2
Output AC	Related power	4600W
	Related AC voltage	230V
	Rated frequency (Hz)	50Hz
	Max. output current (A)	22A
	THD(rated power)	<3%
	Power factor at rated power	≥0.99
Efficiency	connection phases	Single-phase
	Max. efficiency	97.50%
	European efficiency	96.90%
	MPPT efficiency	99.00%
Protection	Built-in All-pole Induction Monitor for Current Leakage	●
	DC-Polarity Protection	No
	AC-Short-Circuit Protection	●
	Grid monitoring	●
	Ground fault monitoring	●
	Insulation monitoring	●
	Electrical isolation	no
	Dimensions (W) (mm)	335x480x460mm
Physical	Weight (Kg)/per unit	N.22/G.23kgs
	Operating temperature range (°C)	-25-+60
	Max self-consumption	4W/0W
	Cooling concept	Forced cooling
	Degree of Protection	IP65
Application	Relative humidity range (non-condensation)	0-95%
	Max operating altitude above MSL	2000 m
Feature	Display	LCD
	Communication Interface	RS485
	Communication Protocol	modbus
	Certification	CE(EMC+LVD)/VDE 5104/AS4777
Warranty	10 years	