

ISun TT Series

Three Phase On grid (Brief in ISun) Series provide string inverters with the best invention patented topology globally, also, we can customize, which provide more optional choices for PV power systems.

ISun series has been proved to be outstanding for its features like leading edge efficiency, high cost-effective, modern appearance, friendly interface, and ultra-long quality warranty, etc.

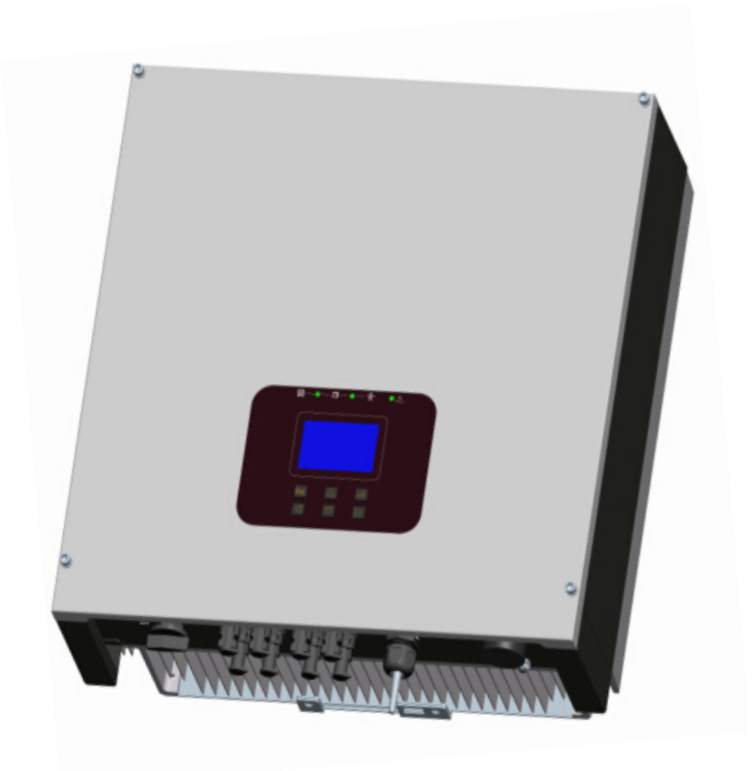


Features

- ❖ Transformerless with the best Topology
- ❖ Max. efficiency up to 98.4%
- ❖ Three MPPT inputs accommodating wide voltage range
- ❖ Compact structure design
- ❖ Simple national setting

Flexibility

- ❖ Indoors and outdoors usage (IP 65)
- ❖ Easy installation and free maintenance
- ❖ Wifi technology
- ❖ Multi-lingual display



Reliability

- ❖ Reliable protection for over voltage, islanding, short circuit, overload, under voltage and under load, etc.
- ❖ 5-year quality warranty extends to 20 years

Technical Data

Inverter Model	ISun-TT10KTL	ISun-TT 12KTL	ISun-TT15KTL	ISun-TT 17KTL	ISun-TT20KTL
Input (DC)					
Max. DC power	11400 W	12250 W	15340 W	17410 W	21000 W
Max. DC voltage	1000 V	1000 V	1000 V	1000 V	1000 V
Voltage range	200 V	200-900 V	200-900 V	200-900 V	200-900 V
MPP voltage range(Full Load)	320-800 V	400-800 V	400-800 V	450-800 V	450-800 V
Max. input current /per string(A)	17/17	17/17	20/20	25/25	25/25
Number of MPP trackers /Strings per MPP tracker	2/2	2/2	2/2	2/2	2/2
Output (AC)					
AC nominal power	10KW	12 KW	15 KW	17KW	20KW
Max. AC apparent power	10 KVA	12 KVA	15 KVA	17 KVA	20KVA
Nominal AC voltage	3/N/PE 230V/400V	3/N/PE 230V/400V	3/N/PE 230V/400V	3/N/PE 230V/400V	3/N/PE 230V/400V
AC grid frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Max. output current (A)	16	19	24	25	30
Power factor (cos φ)	0.9leading-0.9laging	0.9leading-0.9laging	0.9leading-0.9laging	0.9leading-0.9laging	0.8leading-0.8laging
Harmonics	<3%	<3%	<3%	<3%	<3%
Efficiency					
Max. efficiency	98.3%	98.4%	98.4%	98.4%	98.4%
Euro efficiency	97.8%	97.9%	98.0%	98.1%	98.1%
MPPT efficiency	99.9%	99.9%	99.9%	99.9%	99.9%
Dimensions (W / H / D)in mm					
Dimensions (W / H / D)in mm	505 / 540/ 245mm	505 / 540/ 245mm	505 / 540/ 245mm	505 / 540/ 245mm	505 / 540/ 245mm
Weight	34kg	34kg	36kg	36kg	36kg
Operating temperature range	-25°C...+60°C	-25°C...+60°C	-25°C...+60°C	-25°C...+60°C	-25°C...+60°C
Degree of protection (according to IEC 60529)	IP65	IP65	IP65	IP65	IP65
Climatic category (according to IEC 60721-3-4)	4K4H	4K4H	4K4H	4K4H	4K4H
Internal consumption: (night)	<1W	<1W	<1W	<1W	<1W
Topology					
Cooling concept	Convection				
Display	LCD				
Humidity	0-95%,no condensation				
Communication: RS485/Wifi	yes / opt.				
Warranty: 5/10/20 years	yes / opt. / opt.				
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EASUN POWER
Best choice for Solar

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