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## SOLAX SOLAR INVERTER

SL-TL3300T / 3600T / 4400T / 5000T

High efficiency and wider usage

### SINGLE PHASE DUAL MPPT

#### High performance

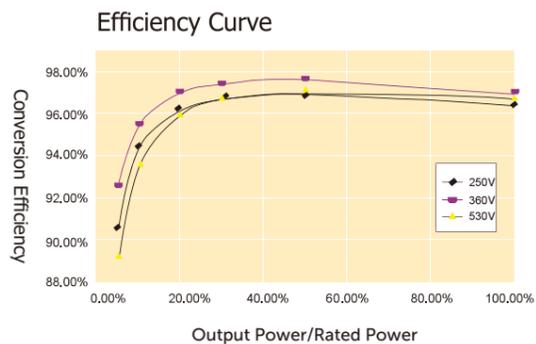
- MPPT efficiency up to 99.9%
- Maximum efficiency up to 97.6%
- Maximum DC input voltage at 580V
- Dual MPP trackers and wide MPPT voltage range for more flexibility
- Configuration and higher yield

#### Flexibility and reliability

- Lower starting voltage and longer working time
- Fanless, quiet and low maintenance cost
- High protection class IP65 (indoor/outdoor use)
- Multiple protections: RCD, isolation, over voltage, and earth protection, etc

#### User-friendly

- Multi-lingual display
- Backlight 16 x 2 character LCD
- RS485, WIFI and 3G (optional) communication for monitoring
- "Plug and play" connection for easy installation and maintenance



## Technical Data

Inverter Model	SL-TL3300T	SL-TL3600T	SL-TL4400T	SL-TL5000T
<b>► Input (DC)</b>				
Max. recommended DC power [W]	3480	4000	4580	5200
Max. starting DC voltage [V]	580	580	580	580
Max. input current [A]	17/17	17/17	18/18	20/20
MPPT voltage range [V]	125-530	125-530	125-530	125-530
Shut down input voltage/start input voltage [V]	70/100	70/100	70/100	70/100
No. of MPP trackers/strings per MPP tracker	2/A:1 B:1	2/A:1 B:1	2/A:1 B:1	2/A:1 B:1
<b>► Output (AC)</b>				
Nominal AC power [W]	3000	3680	4000	4600
Max. AC power [W]	3300	3680	4400	5000
Nominal AC voltage; range [V]	220/230/240; 180-280	207-264	220/230/240; 180-280	220/230/240; 180-280
AC grid frequency; range [Hz]	50/60; ±5	47-50.5	50/60; ±5	50/60; ±5
Max. AC current [A]	15	16	20	23
Power factor (full load)	>0.99	>0.99	>0.99	>0.99
Total harmonic distortion (THD)	<3%	<3%	<3%	<3%
<b>► Efficiency</b>				
MPPT efficiency	99.9%	99.9%	99.9%	99.9%
Euro-efficiency	97.1%	97.1%	97.2%	97.2%
Max. efficiency	97.6%	97.6%	97.6%	97.6%
<b>► Power consumption</b>				
Input standby power [W]	<3.5	<3.5	<3.5	<3.5
Internal consumption (night) [W]	0	0	0	0
<b>► Safety and protection</b>				
Internal overvoltage protection	Yes			
DC insulation monitoring	Yes			
Grid monitoring	Yes			
Earth fault current monitoring	Yes			
DC current monitoring	Yes			
Islanding protection	Yes			
RCD protection	Yes			
<b>► Environment limits</b>				
Protection class	IP65			
Operating temperature range [°C]	-20~60(derating at 45)			
Humidity [%]	0~95 (non-condensing)			
Altitude [m]	2000			
Storage temperature [°C]	-20~60			
Noise emission (typical) [dB]	<30			
<b>► Dimensions and weight</b>				
Dimensions (WxHxD) [mm]	435x595x145			
Weight [kg]	21.5	22	22	22
Cooling concept	Natural cooling			
Topology	Transformer-less			
Communication interfaces	RS485/RS232 (WIFI standard)			
LCD display	Backlight, 16x2 character LCD			
Standard warranty [years]	5 (10 optional)			