

---

## Single Phase T1500TL-T3000TL



### Big LDC display

- □ sound sensitive screen, knock to wake it up
- □ current power, today's power, total power, dc voltage/current, ac voltage/current shown

### Multi-language App Monitoring

WiFi /GPRS optional



Model No	T1500TL	T2200TL	T3000TL
DC side/Input parameters			
Max. DC power [W]	1800	2500	3400
Max. DC voltage [Vdc]	450	500	550
Min. System start/Shut down voltage [Vdc]	150/100	150/100	150/100
MPPT voltage range[Vdc]	100~450	100~500	100~550
Max. input current [A]	10	13	15
Number of MPP trackers	1	1	1
Strings per MPP tracker	1	2	2
AC side/output parameters			
Nominal output power [W]	1500	2200	3000
Maximum output power [W]	1650	2420	3300
Nominal output voltage/range [V]	208,220,230,		
AC grid frequency/range [Hz]	50,60/±4.5		
Maximum output current [A]	8	12	17
AC connection(with PE)	Single phase	Single phase	Single phase
Current distortion(THDi) [%]	<1.5	<1.5	<1.5
Power factor [%]	99.9	99.9	99.9
Efficiency			
Maximum conversion efficiency[%]	97.3	97.4	97.5
European efficiency[%]	97	97.1	97.2
MPPT efficiency[%]	99.9	99.9	99.9
Protection			
DC reverse-polarity protection	yes	yes	yes
Short circuit protection	yes	yes	yes
Ground fault/residential	yes	yes	yes

current monitoring			
Grid monitoring	yes	yes	yes
DC/AC side varistors(thermally protected)	yes	yes	yes
General Parameters			
Dimension(L/W/H)[mm]	375*480*136		
Weight(kg)	14.5	15	15.6
Embedded DC Switch	Optional		
Night Mode support	Optional		
Night power consumption[W]	< 0.2		
Isolation type	Transformerless		
Protection degree	IP65		
Operation temperature[°C]	-25 ~ 60		
Heat Dissipation	Convection		
Acoustic noise level[dB]	<25		
Altitude[m]	<2000 without power derating		
Storage temperature[°C]	-30 ~ 80		
Real Time Clock module	yes		
LCD Display	Graphic and digital segment		
Communication Interface	Standard WiFi		
Warranty: 5/10/15years yes/optional/optional/optional* More technical characteristics are available on demand and customized.			

## Certificate



## Global Component Supplier



## Installations



Product link : <https://www.pvthink.com/1-5kw-solar-on-grid-inverter.html>