

TPI Series



Three Phase Solar GTI



- Monitor system performance in real-time via smartphone app or web portal using our advanced monitoring platform.
- Quick and easy single person installation Fault codes warning view on LCD display Built-in limiter optional.
- Comply with international quality standards tested by TÜV, BV, Dekra etc.
- IP65 ingress protection 10+ years R&D accumulation and support.

Product Features



Big LCD display



Power export limit



Wifi/GPRS/Lan communication optional



Compact and easy to install

THREE PHASE SOLAR GRID TIED INVERTER

Technology Data

Model No	TPI17KTL	TPI20KTL	TPI25KTL
Input (DC)			
Max DC power (W)	25500W	30000W	30000W
Max DC voltage (Vdc)	1000Vd.c.		
Min working voltage (Vdc)	250Vd.c		
MPPT voltage range (Vdc)	200...850Vdc		
Max input current / per string (A)	26A/26A		36A/26A
Max.input short circuit per MPPT	34A/34A		46A/34A
Number of MPP trackers	2		
Strings per MPP tracker	2		
Output (AC)			
AC nominal power (W)	17000	20000	25000
Max AC apparent power (VA)	18700	22000	27500
Max output current (A)	25	30	41.6
Nominal AC output	50/60 Hz;400 Vac		
AC output range	45/55 Hz;280~490 Vac (Adj)		
Power factor	0.8leading...0.8laging		
Harmonics	<1.5%		
Grid type	3 W/N/PE		
Efficiency			
Max efficiency	98.5%	98.5%	98.5%
Euro efficiency	98.1%	98.1%	98.2%
MPPT efficiency	99.9%	99.9%	99.9%
Safety and Protection			
DC reverse-polarity protection	yes		
DC breaker	yes		
DC/AC SPD	yes		
Leakage current protection	yes		
Insulation Impedance Detection	yes		
Residual Current protection	yes		
General Parameters			
Dimension (W/H/D)(mm)	520*510*160		
Weight (kg)	23		
Operating temperature range °C	-25~+60		
Degree of protection	IP65		
Cooling concept	Smart Cooling		
Topology	Transformerless		
Display	LCD		
Humidity	0-95%,no condensation		
Communication	RS485/iFi/GPRS		
Warranty	Standard 5 years, 7/10 years optional		
Certificates and Approvals			
CQC, VDE-AR-N4105,VDE0126-1-1,AS4777,IEC61727,IEC62116			