



# TP Series Three Phase Solar GTI

17.0KW/20.0KW/25.0KW



Big LCD display



Power export limit



Compact and easy to install



Wifi/GPRS/Lan communication optional



### Simpler

Quick and easy single person installation  
Fault codes warning view on LCD display  
Built-in limiter optional



### Safer

comply with international quality standards  
tested by TÜV, BV, Dekra etc.



### Great reliability

IP65 ingress protection  
10+years R&D accumulation and support

ANYTIME, ANYWHERE

## REMOTE MONITORING PLATFORM

Monitor system performance in real-time via smartphone app or web portal using our advanced monitoring platform .



TP Series Three Phase



# THREE PHASE SOLAR GRID TIED INVERTER

pv inverter expert

## Technology Data

Model No	TP17KTL	TP20KTL	TP25KTL
<b>Input ( DC )</b>			
Max DC power (W)	25500W	30000W	30000W
Max DC voltage (Vdc)		1000Vd.c.	
Min working voltage (Vdc)		250Vd.c.	
MPPT voltage range (Vdc)		200...850Vd.c.	
Max input current / per string (A)	26A/26A		36A/26A
Max input short circuit MPPT	34A/34A		46A/34A
Number of MPP trackers		2	
Strings per MPP tracker		2	
<b>Output (AC)</b>			
AC nominal power (W)	17000	20000	25000
Max AC apparent power (VA)	18700	22000	27500
Max output current (A)	25	30	36
Nominal AC output		50/60 Hz; 400 Vac	
AC output range		45/55 Hz ; 280 ~ 490 Vac (Adj)	
Power factor		0.8leading...0.8lagging	
Harmonics		< 1.5%	
Grid type		3 W/N/PE	
<b>Efficiency</b>			
Max efficiency	98.5%	98.5%	98.5%
Euro efficiency	98.1%	98.1%	98.2%
MPPT efficiency	99.9%	99.9%	99.9%
<b>Safety and Protection</b>			
DC reverse-polarity protection		yes	
DC breaker		yes	
DC/AC SPD		yes	
Leakage current protection		yes	
Insulation Impedance Detection		yes	
Residual Current protection		yes	
<b>General Parameters</b>			
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/WiFi/GPRS	
Warranty		Standard 5 years; 7/10 years optional	
<b>Certificates and Approvals</b>			
CQC, VDE-AR-N4105, VDE0126-1-1, AS4777, IEC61727, IEC62116			