



Thinkpower TP Series Three Phase Solar GTI

10.0KW/12.0KW/15.0KW/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



For more about Thinkpower TP series grid tie inverter
please visit www.pvthink.com

THREE PHASE SOLAR GRID TIED INVERTER

Technology Data

Model No	TP10KTL	TP12KTL	TP15KTL	TP17KTL	TP20KTL	TP25KTL
Input (DC)						
Max DC power (W)	15000	18000	22500	25500	30000	30000
Max DC voltage (Vdc)	1000	1000	1000	1000	1000	1000
Min working voltage (Vdc)	250	250	250	250	250	250
MPPT voltage range (Vdc)	200~850	200~850	200~850	200~850	200~850	200~850
Max input current / per string (A)	13/13	13/13	26/26	26/26	26/26	36/26
Number of MPP trackers	2	2	2	2	2	2
Number of input string	2	2	3	4	4	4
Output (AC)						
AC nominal power (W)	10000	12000	15000	17000	20000	25000
Max AC apparent power (VA)	11000	13200	16500	18700	22000	27500
Max output current (A)	17	20	23	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...0.8laging					
Harmonics	< 1.5%					
Grid type	3 W/N/PE					
Efficiency						
Max efficiency	98.3%	98.4%	98.5%	98.5%	98.6%	98.7%
Euro efficiency	97.8%	97.9%	98.0%	98.1%	98.1%	98.2%
MPPT efficiency	99.9%	99.9%	99.9%	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	Standard WiFi; GPRS/LAN(optional)					
Warranty	Standard 5 years; 7/10 years optional					
Certificates and Approvals						
CQC, VDE-AR-N4105, VDE0126-1-1, IEC61727,IEC62116,EN50438,EN50549						