







Thinkpower TP Series Three Phase Solar GTI

10.0KW/12.0KW/15.0KW

-  Big LCD display
-  Power export limit
-  Compact and easy to install
-  Wifi/GPRS/Lan communication optional

Thinkpower Romania: Bucuresti,sector2,str.Delea Veche nr24,CorpA,etaj6,modul M1



Simpler

Quick and easy single person installation
Fault codes warning view on LCD display
smart meter optional



Safer

comply with international quality standards
tested by TUV,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 out advanced
monitoring platform .



TP Series Three Phase



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

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THREE PHASE SOLAR GRID TIED INVERTER

Technology Data

Model No	TP10KTL	TP12KTL	TP15KTL
Input (DC)			
Max DC power (W)	15000	18000	22500
Max DC voltage	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.
Min working voltage	250 Vd.c.	250 Vd.c.	250 Vd.c.
MPPT voltage range	250...850 Vd.c.	250...850 Vd.c.	250...850 Vd.c.
Max input current / per string	13A/13A	13A/13A	26A/18A
Number of MPP trackers	2	2	2
Number of input string	2	2	3
Output (AC)			
AC nominal power (W)	10000	12000	15000
Max AC apparent power (VA)	11000	13200	16500
Max output current (A)	17	20	23
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	
Efficiency			
Max efficiency	98.3%	98.4%	98.5%
Euro efficiency	97.8%	97.9%	98.0%
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)		/	
Weight (kg)		/	
Operating temperature range (°C)		-25 ~ +60	
Degree of protection		IP65	
Cooling concept		Natural convection	
Topology		Transformerless	
Display		LCD	
Humidity		0-95%, no condensation	
Communication		Standard WIFI; RS485 (optional)	
Warranty		5 years; 5/7/10 years for optional	
Certificates and Approvals			
CQC, VDE-AR-N4105, VDE0126-1-1, AS4777, IEC61727, IEC62116			