



Thinkpower 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 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



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

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THREE PHASE SOLAR GRID TIED INVERTER

Technology Data

Model No	TP17KTL	TP20KTL	TP25KTL
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...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	
Output (AC)			
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	
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/WiFi/GPRS	
Warranty		Standard 5 years; 7/10 years optional	
Certificates and Approvals			
CQC, VDE-AR-N4105, VDE0126-1-1, AS4777, IEC61727, IEC62116			