



TP Series Three Phase

15KW/20KW/25KW



Superior Performance

Maximum conversion efficiency up to **98.4%**
MPPT efficiency up to 99.9%
Maximum PV input current up to 26A per string



Safety and Reliability

Integrated arc fault circuit interrupter
IP65 protection from water and dust
International quality standards, Tested by TUV, BV, Dekra etc.
5 years warranty



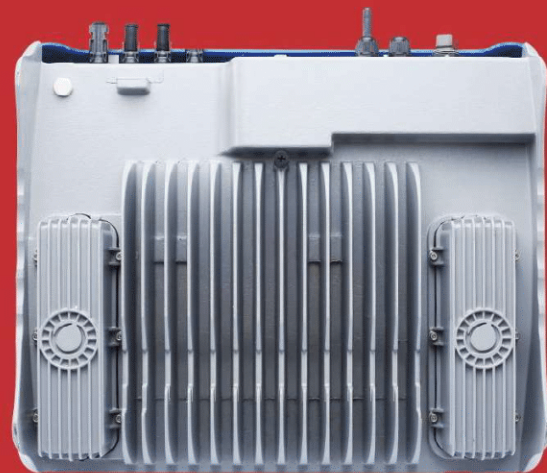
Professional Design and Flexibility

High cooling performance
Die-cast aluminium alloy body
LCD displays
Support WiFi/LAN/Cell connection
Up to 2 MPPTs for PV string versatility

NO MAINTENANCE

Integrally die-cast aluminum alloy heat dissipation structure, efficient dissipating heat without a cooling fan.
Truly achieving a maintenance-free lifespan.
ThinkPower inverters consistently deliver exceptional reliability and efficiency.

+92-326-5222111



THREE PHASE SOLAR GRID TIED INVERTER

Technology Data

Model No	TP15KTL	TP20KTL	TP25KTL
Input (DC)			
Max DC power (W)	22500	30000	30000
Max DC voltage (Vdc)	1000	1000	1000
Min working voltage (Vdc)	200	200	200
MPPT voltage range (Vdc)	200~850	200~850	200~850
Max input current / per string (A)	26/20	26/26	36/26
Number of MPP trackers	2	2	2
Number of input string	3	4	4
Output (AC)			
AC nominal power (W)	15000	20000	25000
Max AC apparent power (VA)	16500	22000	27500
Max output current (A)	23	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	98.5%	98.6%	98.7%
Euro efficiency	98.0%	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*155		
Weight (kg)	25		
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; 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			