



Three Phase Solar Grid Tied Inverter

TP15KTL



EASY-TO-INSTALL

- Quick and easy-to-install with basic tools
- Sufficient installation accessories and various optional accessories
- Quick set up WIFI to APP



RELIABLE

- International quality standards
- IP65 waterproof for outdoor use
- Transformerless with the three level topology



USER-FRIENDLY

- Dual MPPT for efficient tracking
- Particular design for anywhere
- Smart string monitoring



THREE PHASE PV GRID TIED INVERTER

Technology Data

Model No	TP10KTL	TP12KTL	TP15KTL
Input (DC)			
Max DC power (W)	11500	13200	16500
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	12.5/12.5A	12.5/12.5A	25/12.5A
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			