



Three Phase Solar Grid Tied Inverter

TP20KTL



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	TP17KTL	TP20KTL	TP25KTL
Input (DC)			
Max DC power (W)	18500	22000	25000
Max DC voltage (Vdc)	1000	1000c.	1000
Min working voltage (Vdc)	250	250.	250
MPPT voltage range (Vdc)	250-850	250-850	250-850
Max input current / per string (A)	25x2	25x2	25x2
Number of MPP trackers	2	2	2
Number of input string	4	4	4
Output (AC)			
AC nominal power (W)	17000	20000	25000
Max AC apparent power (VA)	18700	22000	27000
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%	98.6%	98.7%
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)		510/484/272	
Weight (kg)		35	
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			