



Three Phase Grid Tied Inverter
TP10KTLM



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 standard
- IP65 waterproof for outdoor use
- Fanless design and excellent heat dissipation



USER-FRIENDLY

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

THREE PHASE PV GRID TIED INVERTER

Technology Data

Model No	TP4KTL	TP5KTL	TP6KTL	TP8KTL	TP10KTLM
Input (DC)					
Max DC power (W)	5500	6500	7500	9500	11500
Max DC voltage (Vdc)	1000	1000	1000	1000	1000
Min working voltage (Vdc)	250	250	250	250	250
MPPT voltage range (Vdc)	250~850	250~850	250~850	250~850	250~850
Max input current / per string (A)	12.5/12.5	12.5/12.5	12.5/12.5	12.5/12.5	12.5/12.5
Number of MPP trackers	2	2	2	2	2
Strings per MPP tracker	1	1	1	1	1
AC Side / Output Parameters					
AC nominal power (W)	4000	5000	6000	8000	10000
Max AC apparent power (VA)	5000	6000	7000	8800	11000
Max output current (A)	8	10	12	15	17
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	< 5%				
Grid type	3 W/N/PE				
Efficiency					
Max efficiency	98.0%	98.2%	98.2%	98.3%	98.4%
Euro efficiency	97.5%	97.7%	97.7%	97.8%	97.9%
MPPT efficiency	99.9%	99.9%	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)				480/400/180	
Weight (kg)				22	
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				12 years; 5/7/10 years for optional	
Certificates and Approvals					
CE, EN50549, CQC, VDE-AR-N4105, VDE0126-1-1, AS4777, IEC61727, IEC62116, IEC61000, IEC62109					