

3 PHASE ON GRID SOLAR INVERTERS



KEY SALIENT FEATURES



EASY TO USE

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



*Terms & Condition Applies



RELIABLE

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



USER FRIENDLY

Dual MPPT for Efficient tracking
Particular design for anywhere
Smart string monitoring

Wireless Communication Module (WIFI/GPRS)



Wi-Fi Dongle

General Specification

Rated Voltage
Max. Current
Operation Environment Temperature
IP Class
External Interface
Dimension (W/L/H) in mm
Weight

DC4.7V-15V
500mA(DC 5V)
-35°C~+80°C
IP 65
Db9, used for communication & Power Supply
31/73/132
35g

Communication Specification

Local Communication Interface
Public Network Access Mode

RS485/RS232
WIFI/GPRS

3 PHASE ON GRID

Solar Inverter

PRODUCT DATA SHEET

MODELS	TP10KTL	TP15KTL	TP20KTL
Max DC Power (W)			
Max DC Voltage (VDC)	15000	22500	30000
Min Working Voltage (VDC)	1000	1000	1000
MPPT Voltage range (VDC)	250	250	250
Max Input Current / Per String (A)	250~850	250~850	250~850
Number of MPP Trackers	16/16	26/18A	26/26
Strings Per MPP Trackers	2	2	2
	2	3	4
AC Side/ Output Parameters			
AC Nominal Power (W)	10000	15000	20000
Max AC apparent Power (VA)	11000	17000	22000
Max output current (A)	17	23	30
Nominal AC output	50/60 Hz; 400Vac		
AC output range	45/55 Hz; 280 ~ 490Vac (Adj)		
Power factor	0.8 Leading... 0.8 Laging		
Harmonics	< 5%	< 1.5%	< 1.5%
Grid type	3 W/N/PE		
EFFICIENCY			
Max Efficiency	98.4%	98.5%	98.6%
Euro Efficiency	97.9%	98.0%	98.1%
MPPT Efficiency	99.9%	99.9%	99.9%
SAFETY & PROTECTION		Yes	
DC Reverse-Polarity Protection		Yes	
DC Breaker		Yes	
DC/AC SPD		Yes	
Leakage Currect Protection		Yes	
Insulation Impedance Detection		Yes	
Residual Current Protection			
GENERAL PARAMETERS			
Operating Temerature Range		-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 (Terms & Condition Apply)	
Certificates and Approvals			
CE, EN50549, CQC, VDE-AR0N4105, VDE0126-1-1, AS4777, IEC62116, IEC61000, IEC62109			

Note: Product specifications are subject to change without further notice