

Three Phase Solar On Grid Inverter

TP™ 10kTL



TP10KTL

5G EVOLUTION

Features:

- Compatible with bifacial and high wattage panels(500W+).
- Transformerless with the three level topology.
- Max. efficiency up to 98.6%.
- Dual MPPT inputs accommodating wide voltage range.
- 17A dual MPPT for 5KTL and 10KTL.
- Compact structure design.
- 6 inches super big LCD display.

Flexibility:

- Indoors and outdoors usage (IP65).
- Easy installation and maintenance free.
- RS485 & WIFI communication.
- Multi-lingual display with large LCD screen.

Reliability:

- Reliable protection for over/under voltage, anti-islanding, short circuit, overload, etc.
- Inbuilt type II AC/DC SPDs
- 5-years quality warranty extends to 20-years(optional).

Certificates:

CQC, VDE-AR-N4105M VDE0126-1, IEC 62109 -1, As4777, IEC 62109 -2, IEC 61683, IEC 62116, IEC 61727, ISO/IEC 17065, ISO/IEC 17020

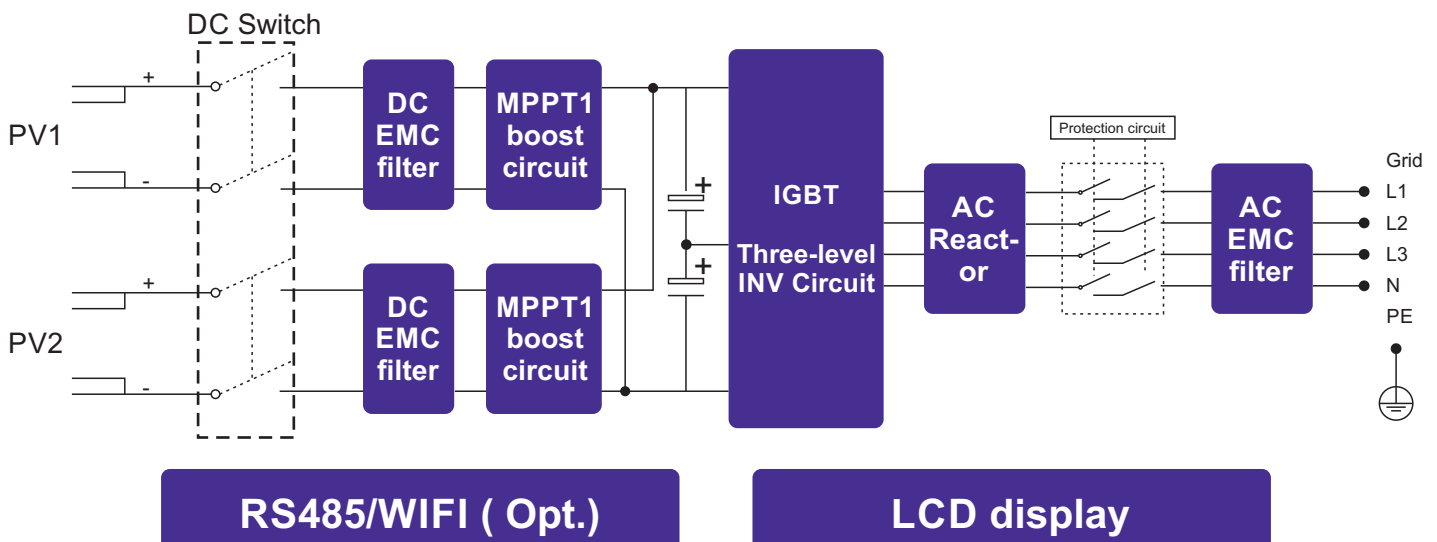


TP Series

Three Phase On grid Series provide string inverters with the best invention patented topology globally, also, we can customize, which provide more optional choices for PV power systems.

TP series has been proved to be outstanding for its features like leading edge efficiency, high cost-effective, modern appearance, friendly interface, and ultra-long quality warranty, etc.

Diagram



THREE PHASE PV ON-GRID INVERTER

Technical Data

TP10KTL



MODEL TP10KTL

Input(DC)

Max DC power	11500
Max DC voltage	1000Vd.c.
Min working voltage	250Vd.c.
MPPT voltage range	250...850Vd.c.
Max input current/per string	17A×2
Number of MPP trackers	2
Number of input string	1

Output(AC)

AC nominal power (W)	10000
Max AC apparent power(VA)	11000
Max output current(A)	17
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	3W/N/PE

Efficiency

Max efficiency	98.4%
Euro efficiency	97.9%
MPPT efficiency	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
Anti Islanding Protection	YES

General Data

Dimensions(W/H/D)	510/484/271.5mm
Weight	35kg
Operating temperature range	-25 °C ... +60 °C
Degree of protection	IP65
Cooling concept	Natural convection
Topology	Transformerless
Display	LCD
Humidity	0-95% ,no condensation
Communication:RS485/WIFI / WIFI APP	YES / YES / YES
Warranty:5/10/20 years	Yes/Opt./Opt.

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