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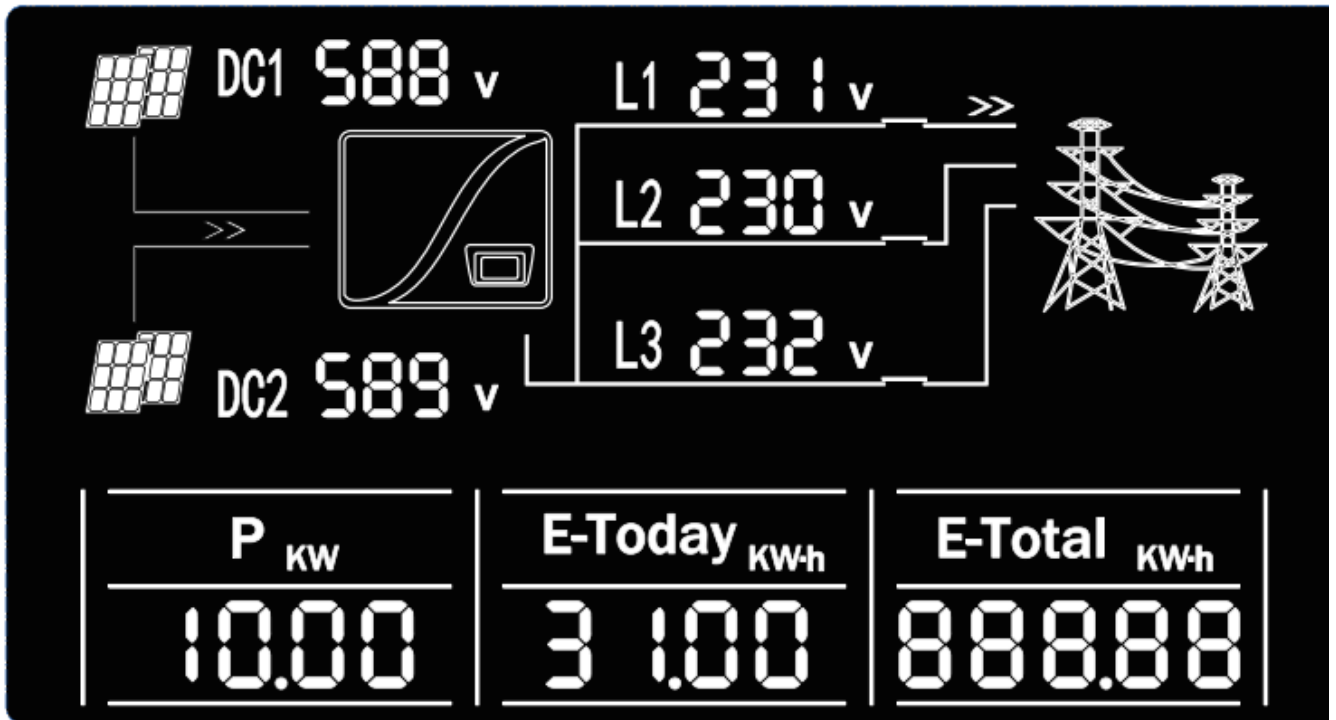
## Three Phase TP4KTL-TP10KTLM



### IP65 Outdoor Use

- □ rugged casting aluminum alloy case
- □ IP65, waterproof





#### Big LCD display

- □ current power, today's power, total power, dc voltage/current, ac voltage/current shown
- □ sound sensitive, knock to wake up the screen

#### Multi Language APP Monitoring

- □ WiFi /GPRS optional
- □ smart phone online app for monitoring worldwide.



## Thinkpower pluggable data collector WIFI/GPRS selection

- 💡 Plug and play
- 💡 IP65 Protection
- 💡 Stable transmission



	TP4KTL	TP5KTL	TP6KTL	TP8KTL	TP10KTL LM
DC side /Input parameters					
Max. DC power [W]	5500	6500	7500	9500	11500
Max. DC voltage [Vdc]	1000	1000	1000	1000	1000
Min. System start voltage [Vdc]	250	250	250	250	250
MPPT voltage range[V]	250~850	250~850	250~850	250~850	250~850

dc]					
Max. input current [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					
Nominal output power [W]	4000	5000	6000	8000	10000
Maximum output power [W]	5000	5500	7000	8800	11000
Nominal output voltage / range [V]	400Vac/380-440V				
AC grid frequency / range [Hz]	50Hz,60Hz(auto selection) / 44Hz-55Hz; 54Hz-65Hz				
Maximum output current [A]	8	10	12	15	17
AC connection (with PE)	3W/N/PE	Three phase	Three phase	Three phase	Three phase
Current distortion (THDi)	<1.5	<1.5	<1.5	<1.5	<1.5

) [%]					
Power factor [%]	>99.95	>99.95	>99.95	>99.95	>99.95
Efficiency					
Maximum conversion efficiency [%]	98	98.2	98.2	98.3	98.4
European 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	yes				
DC reverse-polarity protection	yes				
Anti-islanding / Overvoltage protection	yes				
Short circuit protection	yes				
Leakage current protection	yes				
Grid monitoring / Ground fault monitoring	yes				
DC/AC side varistors(t	yes				

hermall y prote cted)	
General Parame ters	yes
Dimens ion(L/W /H)[mm ]	480*40 0*180
Weight (kg)	22
Embed ded DC Switch	Optiona l
Night power c onsum ption[W ]	<0.2
Isolatio n type	Transfo rmerles s
Protecti on degree	IP65 ac cording to IEC6 0529
Operati on tem peratur e[°C]	-25 ~ 60
Cooling concept	Natural convect ion
Acousti c noise level[dB ]	<25
Operati ng altit ude[m]	<2000 without power deratin g
Display	Graphic LCD
Commu nication Interfac e	Standar d WIFI; GPRS(o ptional)
Certific	CE-(EM

ates and Ap provals	C/LVD) : EN(IEC) 61000-1 /-2/-3/; EN(IEC) 62109-1 /-2;IEC 61727/ 62116; G83-3/ G59-3; EN5043 8;VDE-0 126-1-1 ;VDE-AR -N4105; AS4777. 2;AS477 7.3	
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**Certificate**



## Global Component Supplier



Product link : <https://www.pvthink.com/three-phase-5kw-10kw.html>