



Product Service

Compliance Document

No. D 101462 0006 Rev. 00

Holder of Certificate: **Wuxi Thinkpower New Energy Co., Ltd.**

Building C3, Phase II, Pioneer Park
Yongan Road, Economic Development Zone
214200 Yixing City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Product:

Converter
Grid-Tied PV Inverter

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. See also notes overleaf.

Test report no.:

704091913401-00

Date, 2019-07-23


(Zhengdong Ma)



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Model(s):

TP6KTL, TP8KTL, TP10KTL, TP12KTL,
TP15KTL, TP17KTL, TP20KTL

Parameters:

Model	TP6KTL	TP8KTL	TP10KTL	TP12KTL
Max. input voltage	1000Vd.c.			
MPP voltage range	250 – 800Vd.c.			
Max. input current	13A/13A	15A/15A	17A/17A	18A/18A
Isc PV (absolute maximum)	18A/18A	20A/20A	25A/25A	28A/28A
Rated grid voltage	3/N/PE ~ 400/230V			
Rated grid frequency	50 Hz			
Max. continuous output current	12A	15A	17A	20A
Max. AC output active power	6000W	8000W	10000W	12000W
Max. AC output apparent power	7000VA	9000VA	11000VA	13000VA
Adjustable cos(φ)	0.8ind... 0.8cap			
Protection class	I			
Degree of protection	IP65			
Overvoltage category	II(PV), III(MAINS)			
Operating temperature range	-25 ... +60°C			



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Model	TP15KTL	TP17KTL	TP20KTL
Max. input voltage	1000Vd.c.		
MPP voltage range	250 – 800Vd.c.		
Max. input current	20A/20A	25A/25A	25A/25A
Isc PV (absolute maximum)	30A/30A	34A/34A	38A/38A
Rated grid voltage	3/N/PE ~ 400/230V		
Rated grid frequency	50 Hz		
Max. continuous output current	23A	25A	30A
Max. AC output active power	15000W	17000W	20000W
Max. AC output apparent power	16000VA	18000VA	21000VA
Adjustable cos(φ)	0.8ind...0.8cap		
Protection class	I		
Degree of protection	IP65		
Overvoltage category	II(PV), III(MAINS)		
Operating temperature range	-25 ... +60°C		

**Tested
according to:**

EN 50438:2013/IS1:2015 (with default setting of Table 4)