

Compliance Document

No. D 093811 0068 Rev. 00

Holder of Certificate: **INVT Solar Technology
(ShenZhen) Co., Ltd.**
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PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
(PV Grid-connected 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. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290223041001

Date, 2022-09-15



(Billy Qiu)

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Model(s): **iMars XG15KTR, iMars XG15KTR-S**
 iMars XG17KTR, iMars XG17KTR-S
 iMars XG20KTR, iMars XG20KTR-S
 iMars XG22KTR, iMars XG22KTR-S
 iMars XG25KTR, iMars XG25KTR-S

Parameters:

Model	iMars XG15KTR	iMars XG17KTR	iMars XG20KTR	iMars XG22KTR	iMars XG25KTR
PV terminal					
Vmax. PV	1100 Vd.c.				
Rate Voltage	600 Vd.c.				
MPPT Voltage Range	200~1000Vd.c.				
MPPT Voltage Range (full load)	480 ~ 800 Vd.c.	480 ~ 800 Vd.c.	480 ~ 800 Vd.c.	520 ~ 800 Vd.c.	560 ~ 800 Vd.c.
MPPT Tracker number	2				
Max. number of input string per tracker	2/2				2/3
Max. continuous PV input current per tracker	32/32 Ad.c.				32/48 Ad.c.
Isc PV per tracker	40/40 Ad.c.				40/60 Ad.c.
Grid terminal parameter					
Rated voltage	3W+N+PE, 230/400 Va.c.				
Rated frequency	50 Hz				
Power factor (Cos phi), adjustable	0.8 leading~0.8 lagging				
Maximum continuous output current	24.1 Aa.c.	27.2 Aa.c.	32.1 Aa.c.	35.3 Aa.c.	39.8 Aa.c.
Rated continuous output power	15000 W	17000 W	20000 W	22000 W	25000 W
Maximum output apparent power	16600 VA	18800 VA	22200 VA	24400 VA	27700 VA

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Model	iMars XG15KTR- S	iMars XG17KTR- S	iMars XG20KTR- S	iMars XG22KTR- S	iMars XG25KTR- S
PV terminal					
Vmax. PV	1100 Vd.c.				
Rate Voltage	600 Vd.c.	600 Vd.c.	700 Vd.c.	780 Vd.c.	650 Vd.c.
MPPT Voltage Range	200~1000Vd.c.				
MPPT Voltage Range (full load)	470 ~ 800 Vd.c.	540 ~ 800 Vd.c.	690 ~ 800 Vd.c.	760 ~ 800 Vd.c.	520 ~ 800 Vd.c.
MPPT Tracker number	2				
Max. number of input string per tracker	1/1				1/2
Max. continuous PV input current per tracker	16/16 Ad.c.				16/32 Ad.c.
Isc PV per tracker	20/20 Ad.c.				20/40 Ad.c.
Grid terminal parameter					
Rated voltage	3W+N+PE, 230/400 Va.c.				
Rated frequency	50 Hz				
Power factor (Cos phi), adjustable	0.8 leading~0.8 lagging				
Maximum continuous output current	24.1 Aa.c.	27.2 Aa.c.	32.1 Aa.c.	35.3 Aa.c.	39.8 Aa.c.
Rated continuous output power	15000 W	17000 W	20000 W	22000 W	25000 W
Maximum output apparent power	16600 VA	18800 VA	22200 VA	24400 VA	27700 VA

**Tested
according to:**

IEC 61683:1999