



Product Service

Compliance Document

No. D 093811 0075 Rev. 00

Holder of Certificate: **INVT Solar Technology
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PEOPLE'S REPUBLIC OF CHINA

Product: **PV inverter
(Solar 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.: 64290223083501

Date, 2022-10-10

(Billy Qiu)

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

Parameters:

Model	iMars XG15KTR	iMars XG17KTR	iMars XG20KTR	iMars XG22KTR	iMars XG25KTR
PV input terminal parameters					
Maximum input voltage	1100 Vd.c.				
MPPT voltage range	200-1000 Vd.c.				
MPPT voltage range (full load)	480-800 Vd.c.			520-800 Vd.c.	560-800 Vd.c.
Maximum number of input string per tracker	2/2				2/3
Maximum continuous input current	32/32 Ad.c.				32/48 Ad.c.
Isc PV	40/40 Ad.c.				40/60 Ad.c.
AC output rating					
Rated output voltage	3/N/PE, 230/400 Va.c.				
Rated output frequency	50 Hz				
Maximum continuous output current	24.1 Aa.c.	27.2 Aa.c.	32.1 Aa.c.	35.3 Aa.c.	40.1 Aa.c.
Rate output active power	15 kW	17 kW	20 kW	22 kW	25 kW
Maximum output apparent power	16.6 kVA	18.8 kVA	22.2 kVA	24.4 kVA	27.7 kVA
Power factor	0.9 leading ~ 0.9 lagging				

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Model	iMars XG15KTR- S	iMars XG17KTR- S	iMars XG20KTR- S	iMars XG22KTR- S	iMars XG25KTR- S
PV input terminal parameters					
Maximum input voltage	1100 Vd.c.				
MPPT voltage range	200-1000 Vd.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.
Maximum number of input string per tracker	1/1				1/2
Maximum continuous input current	16/16 Ad.c.				16/32 Ad.c.
Isc PV	20/20 Ad.c.				20/40 Ad.c.
AC output rating					
Rated output voltage	3/N/PE, 230/400 Va.c.				
Rated output frequency	50 Hz				
Maximum continuous output current	24.1 Aa.c.	27.2 Aa.c.	32.1 Aa.c.	35.3 Aa.c.	40.1 Aa.c.
Rate output active power	15 kW	17 kW	20 kW	22 kW	25 kW
Maximum output apparent power	16.6 kVA	18.8 kVA	22.2 kVA	24.4 kVA	27.7 kVA
Power factor	0.9 leading ~ 0.9 lagging				

**Tested
according to:**

EN 50549-1:2019/AC:2019