

# Compliance Document

No. D 093811 0073 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290223041101

**Date,** 2022-09-13



( 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 input rating					
Vmax. PV	1100 Vd.c.				
MPPT Voltage Range	200~1000Vd.c.				
MPPT Tracker number	2				
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 output rating					
Rated voltage	3/N/PE,230/400Va.c.				
Rated frequency	50/60Hz				
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	27500 VA
General parameter					
Temperature Range	-30°C to +60°C (derating above 45 °C)				
Protective class	Class I				
Power factor (Cos phi), adjustable	0.8 leading~0.8 lagging				
Ingress protection rating	IP66				
Altitude	up to 4000m				

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Model	iMars XG15KTR- S	iMars XG17KTR- S	iMars XG20KTR- S	iMars XG22KTR- S	iMars XG25KTR- S
PV input rating					
Vmax. PV	1100 Vd.c.				
MPPT Voltage Range	200~1000Vd.c.				
MPPT Tracker number	1				
Max. continuous PV input current per tracker	16/16 Ad.c.				
Isc PV per tracker	20/20 Ad.c.				
Grid output rating					
Rated voltage	3/N/PE,230/400Va.c.				
Rated frequency	50/60Hz				
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	27500 VA
General parameter					
Temperature Range	-30°C to +60°C, derating above 45 °C				
Protective class	Class I				
Power factor (Cos phi), adjustable	0.8 leading~0.8 lagging				
Ingress protection rating	IP66				
Altitude	≤ 4000m				

**Tested according to:**

IEC 60068-2-1:2007  
 IEC 60068-2-2:2007  
 IEC 60068-2-14:2009  
 IEC 60068-2-30:2005