

# Compliance Document

No. D 093811 0076 Rev. 00

**Holder of Certificate:** **INVT Solar Technology  
(ShenZhen) Co., Ltd.**  
6th Floor, Block A  
INVT Guangming Technology Building  
Kejie Fourth Road, Shutianpu Community, Matian  
Guangming District  
518000 Shenzhen  
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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290223041401

**Date,** 2022-10-17



( Billy Qiu )

# Compliance Document

No. D 093811 0076 Rev. 00

**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	1100Vd.c.				
MPPT voltage range	200-1000Vd.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 input current	32/32Ad.c.				32/48Ad.c.
Maximum PV short circuit current	40/40Ad.c.				40/60Ad.c.
AC output rating					
Rated output voltage	3/N/PE, 230/400Va.c.				
Rated frequency	50 Hz				
Maximum continuous output current	24.1Aa.c.	27.2Aa.c.	32.1Aa.c.	35.3Aa.c.	40.1Aa.c.
Rated output active power	15kW	17kW	20kW	22kW	25kW
Maximum continuous output apparent power $S_{Emax}$	16.6kVA	18.8kVA	22.2kVA	24.4kVA	27.7kVA
Power factor range	0.9 leading ~ 0.9 lagging				

# Compliance Document

No. D 093811 0076 Rev. 00

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

**Tested  
according to:**

C10/11:2021