

Compliance Document

No. D 093811 0058 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: **Converter
(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.: 64290223083301

Date, 2022-08-16



(Billy Qiu)

Compliance Document

No. D 093811 0058 Rev. 00

Model(s):

**iMars XG3KTR, iMars XG4KTR, iMars XG5KTR,
 iMars XG6KTR, iMars XG8KTR, iMars XG9KTR,
 iMars XG10KTR, iMars XG11KTR, iMars XG12KTR,
 iMars XG15KTR1
 iMars XG3KTR-S, iMars XG4KTR-S,
 iMars XG5KTR-S, iMars XG6KTR-S,
 iMars XG8KTR-S, iMars XG9KTR-S,
 iMars XG10KTR-S, iMars XG11KTR-S,
 iMars XG12KTR-S, iMars XG15KTR1-S
 iMars XG3KTR-AU, iMars XG4KTR-AU,
 iMars XG5KTR-AU, iMars XG6KTR-AU,
 iMars XG8KTR-AU, iMars XG9KTR-AU,
 iMars XG10KTR-AU, iMars XG11KTR-AU,
 iMars XG12KTR-AU, iMars XG15KTR1-AU**

Parameters:

Model:	iMars XG3KTR	iMars XG4KTR	iMars XG5KTR	iMars XG6KTR	iMars XG8KTR
PV input terminal parameters:					
Maximum input voltage	1100Vd.c.				
PV input operating voltage range	180-1000Vd.c.				
MPPT voltage range(Full load)	250-850Vd.c.				320-850 Vd.c.
Maximum operating PV input current	14/14Ad.c.				
Maximum PV short circuit current	18/18Ad.c.				
AC output rating					
Rated output voltage	3/N/PE,230/400Va.c.				
Rated output frequency	50Hz				
Maximum continuous output current	4.8Aa.c.	6.4Aa.c.	8Aa.c.	9.6Aa.c.	12.8Aa.c.
Rated output active power	3kW	4kW	5kW	6kW	8kW
Maximum continuous output apparent power S _E max	3.3kVA	4.4kVA	5.5kVA	6.6kVA	8.8kVA
Power factor	0.9 leading ~ 0.9 lagging				

Compliance Document

No. D 093811 0058 Rev. 00

Model:	iMars XG9KTR	iMars XG10KTR	iMars XG11KTR	iMars XG12KTR	iMars XG15KTR1
PV input terminal parameters:					
Maximum input voltage	1100Vd.c.				
PV input operating voltage range	180-1000Vd.c.				
MPPT voltage range(Full load)	400-850 Vd.c.	450-850Vd.c.		480-850 Vd.c.	500-850 Vd.c.
Maximum operating PV input current	14/14Ad.c.				14/28 Ad.c.
Maximum PV short circuit current	18/18Ad.c.				18/36 Ad.c.
AC output rating					
Rated output voltage	3/N/PE,230/400Va.c.				
Rated output frequency	50Hz				
Maximum continuous output current	14.4Aa.c.	15.9Aa.c.	17.5Aa.c.	19.1Aa.c.	23.9Aa.c.
Rated output active power	9kW	10kW	11kW	12kW	15kW
Maximum continuous output apparent power S _{Emax}	9.9kVA	11kVA	12.1kVA	13.2kVA	16.5kVA
Power factor	0.9 leading ~ 0.9 lagging				

Model:	iMars XG3KTR-S	iMars XG4KTR-S	iMars XG5KTR-S	iMars XG6KTR-S	iMars XG8KTR-S
PV input terminal parameters:					
Maximum input voltage	1100Vd.c.				
PV input operating voltage range	180-1000Vd.c.				
MPPT voltage range(Full load)	200-850Vd.c.				360-850 Vd.c.
Maximum operating PV input current	18/18Ad.c.				
Maximum PV short circuit current	25/25Ad.c.				
AC output rating					
Rated output voltage	3/N/PE,230/400Va.c..				
Rated output frequency	50Hz				
Maximum continuous output current	4.8A	6.4A	8A	9.6A	12.8A
Rated output active power	3kW	4kW	5kW	6kW	8kW
Maximum continuous output apparent power S _{Emax}	3.3kVA	4.4kVA	5.5kVA	6.6kVA	8.8kVA
Power factor	0.9 leading ~ 0.9 lagging				

Compliance Document

No. D 093811 0058 Rev. 00

Model:	iMars XG9KTR- S	iMars XG10KTR- S	iMars XG11KTR- S	iMars XG12KTR- S	iMars XG15KTR1- S
PV input terminal parameters:					
Maximum input voltage	1100Vd.c.				
PV input operating voltage range	180-1000Vd.c.				
MPPT voltage range(Full load)	360-850Vd.c.	380-850Vd.c.		450-850 Vd.c.	
Maximum operating PV input current	18/18Ad.c.				
Maximum PV short circuit current	25/25Ad.c.				
AC output rating					
Rated output voltage	3/N/PE,230/400Va.c.				
Rated output frequency	50Hz				
Maximum continuous output current	14.4Aa.c.	15.9Aa.c.	17.5Aa.c.	19.1Aa.c.	23.9Aa.c.
Rated output active power	9kW	10kW	11kW	12kW	15kW
Maximum continuous output apparent power S_{Emax}	9.9kVA	11kVA	12.1kVA	13.2kVA	16.5kVA
Power factor	0.9 leading ~ 0.9 lagging				

Model:	iMars XG3KTR- AU	iMars XG4KTR- AU	iMars XG5KTR- AU	iMars XG6KTR- AU	iMars XG8KTR- AU
PV input terminal parameters:					
Maximum input voltage	1100Vd.c.				
PV input operating voltage range	180-1000Vd.c.				
MPPT voltage range(Full load)	250-850Vd.c.				320-850 Vd.c.
Maximum operating PV input current	14/14Ad.c.				14/28 Ad.c.
Maximum PV short circuit current	18/18Ad.c.				18/36 Ad.c.
AC output rating					
Rated output voltage	3/N/PE,230/400Va.c.				
Rated output frequency	50Hz				
Maximum continuous output current	4.3Aa.c.	5.8Aa.c.	7.2Aa.c.	8.7Aa.c.	11.6Aa.c.
Rated output active power	3kW	4kW	5kW	6kW	8kW
Maximum continuous output apparent power S_{Emax}	3kVA	4kVA	5kVA	6kVA	8kVA
Power factor	0.9 leading ~ 0.9 lagging				

Compliance Document

No. D 093811 0058 Rev. 00

Model:	iMars XG9KTR- AU	iMars XG10KTR- AU	iMars XG11KTR- AU	iMars XG12KTR- AU	iMars XG15KTR1 - AU
PV input terminal parameters:					
Maximum input voltage	1100Vd.c.				
PV input operating voltage range	180-1000Vd.c.				
MPPT voltage range(Full load)	400-850 Vd.c.	450-850Vd.c.		480-850 Vd.c.	500-850 Vd.c.
Maximum operating PV input current	14/28Ad.c.				
Maximum PV short circuit current	18/36Ad.c.				
AC output rating					
Rated output voltage	3/N/PE,230/400Va.c.				
Rated output frequency	50Hz				
Maximum continuous output current	13Aa.c.	14.5Aa.c.	16Aa.c.	17.4Aa.c.	21.7Aa.c.
Rated output active power	9kW	10kW	11kW	12kW	15kW
Maximum continuous output apparent power S _E max	9kVA	10kVA	11kVA	12kVA	15kVA
Power factor	0.9 leading ~ 0.9 lagging				

**Tested
according to:**

EN 50549-1:2019/AC:2019