ATTESTATION ◆ ATTESTATO ◆ ATTESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

Product Service

Attestation of Conformity

No. N8A 093811 0085 Rev. 00

Holder of Attestation: **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 (Grid-tied Solar Inverter)**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290223159801

Date, 2023-04-06

(Billy Qiu)

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Model(s): **iMars XG3KTL-1M, iMars XG3KTL-2M, iMars XG3.68KTL, iMars XG4KTL, iMars XG4.2KTL, iMars XG4.6KTL, iMars XG5KTL, iMars XG6KTL, iMars XG7KTL, iMars XG7KTL1, iMars XG8KTL, iMars XG8KTL1, iMars XG10KTL, iMars XG10KTL-AU, iMars XG10KTL1, iMars XG10KTL1-AU**

Parameters:

Model	iMars XG3KTL-1M	iMars XG3KTL-2M	iMars XG3.68KTL	iMars XG4KTL	iMars XG4.2KTL
PV input rating					
Rated input voltage	360 Vd.c.				
Max. input voltage	600 Vd.c.				
MPPT voltage range	80~580 Vd.c.				
MPPT voltage range (full load)	190~480 Vd.c.	120~480 Vd.c.	135~480 Vd.c.	145~480 Vd.c.	150~480 Vd.c.
Number of MPP trackers	1	2			
Strings per MPP Tracker	1	1/1			
Maximum continue input current per MPPT	20 Ad.c.	20/20 Ad.c.			
Isc PV	26 Ad.c.	26/26 Ad.c.			
Grid output rating					
Rated output voltage	1/N/PE, 230 Va.c.				
Rated output frequency	50 Hz				
Rate output active power	3000 W		3680 W	4000 W	4200 W
Rate output current	13 Aa.c.		16 Aa.c.	17.4 Aa.c.	18.3 Aa.c.
Maximum output apparent power	3300 VA		3680 VA	4400 VA	4620 VA
Maximum continuous output current	15 Aa.c.		16 Aa.c.	20 Aa.c.	21 Aa.c.
Power factor	0.8 leading ~ 0.8 lagging				
General parameter					
Ingress protection rating	IP66				
Ambient temperature range	-30°C ~+60°C				
Protect class	I				
Operating Altitude	≤4000 m				

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Model	iMars XG4.6KTL	iMars XG5KTL	iMars XG6KTL	iMars XG7KTL	iMars XG7KTL1
PV input rating					
Rated input voltage	360 Vd.c.				
Max. input voltage	600 Vd.c.				
MPPT voltage range	80~580 Vd.c.				
MPPT voltage range (full load)	160~480 Vd.c.	170~480 Vd.c.	190~480 Vd.c.	230~480 Vd.c.	
Number of MPP trackers	2				
Strings per MPP Tracker	1/1				1/2
Maximum continue input current per MPPT	20/20 Ad.c.				28/14 Ad.c.
Isc PV	26/26 Ad.c.				36.4/18.2 Ad.c.
Grid output rating					
Rated output voltage	1/N/PE, 230 Va.c.				
Rated output frequency	50 Hz				
Rate output active power	4600 W	5000 W	6000 W	7000 W	
Rate output current	20 Aa.c.	21.7 Aa.c.	26.1 Aa.c.	30.4 Aa.c.	
Maximum output apparent power	5000 VA	5500 VA	6600 VA	7700 VA	7700 VA
Maximum continuous output current	23 Aa.c.	25 Aa.c	30 Aa.c.	35 Aa.c.	35 Aa.c.
Power factor	0.8 leading ~ 0.8 lagging				
General parameter					
Ingress protection rating	IP66				
Ambient temperature range	-30°C ~+60°C				
Protect class	I				
Operating Altitude	≤4000 m				

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Model	iMars XG8KTL	iMars XG8KTL1	iMars XG10KTL	iMars XG10KTL -AU	iMars XG10KTL1	iMars XG10KTL1 -AU
PV input rating						
Rated input voltage	360 Vd.c.					
Max. input voltage	600 Vd.c.					
MPPT voltage range	80~580 Vd.c.					
MPPT voltage range (full load)	250~480 Vd.c.		290~480 Vd.c.			
Number of MPP trackers	2					
Strings per MPP Tracker	1/1	1/2	1/1		1/2	
Maximum continue input current per MPPT	20/20 Ad.c.	28/14 Ad.c.	20/20 Ad.c.		28/14 Ad.c.	
Isc PV	26/26 Ad.c.	36.4/18.2 Ad.c.	26/26 Ad.c.		36.4/18.2 Ad.c.	
Grid output rating						
Rated output voltage	1/N/PE, 230 Va.c.					
Rated output frequency	50 Hz					
Rate output active power	8000 W		10000 W	9999 W	10000 W	9999 W
Rate output current	34.8 Aa.c.		43.5 Aa.c.			
Maximum output apparent power	8800 VA		10000 VA	9999 VA	10000 VA	9999 VA
Maximum continuous output current	40 Aa.c.		43.5 Aa.c.			
Power factor	0.8 leading ~ 0.8 lagging					
General parameter						
Ingress protection rating	IP66					
Ambient temperature range	-30°C ~+60°C					
Protect class	I					
Operating Altitude	≤4000 m					

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Tested according to:	EN 62109-1:2010 EN 62109-2:2011

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