



Product Service

# Attestation of Conformity

No. E8A 14 12 72237 080

**Holder of Certificate:** Shenzhen INVT Electric Co., Ltd.No.4 Building, Gaofa Industrial Park  
Longjing, Nanshan District  
518055 Shenzhen  
PEOPLE'S REPUBLIC OF CHINA**Name of Object:** Converter  
(PV grid-interactive inverter)**Model(s):** iMars BG20KTR, iMars BG25KTR, iMars  
BG30KTR**Description of Object:** Vmax.PV : 1000Vd.c.  
See page 2 for more details**Tested according to:** EN 61000-6-2:2005  
EN 61000-6-3/A1:2011

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all essential 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 testing and certification. See also notes overleaf.

**Test report no.:** 687721300801**Date,** 2014-12-30 ( Paul Yu )

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. That declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

Page 1 of 2

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Model	iMars BG20KTR	iMars BG25KTR	iMars BG30KTR
Vmax. PV	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.
Isc PV	27x2 A	33x2 A	36x2 A
Max. continuous output current	32 A	40 A	48 A
Nominal active power P <sub>n</sub>	20 kW	25 kW	30 kW
Nominal Frequency	50 Hz	50 Hz	50 Hz
Nominal AC voltage	3/N/PE, 230V/400V	3/N/PE, 230V/400V	3/N/PE, 230V/400V
Power factor (Cos phi), adjustable	0,80 <sub>under-excited</sub> to 0,80 <sub>over-excited</sub>	0,80 <sub>under-excited</sub> to 0,80 <sub>over-excited</sub>	0,80 <sub>under-excited</sub> to 0,80 <sub>over-excited</sub>
Protective class	I	I	I
Ingress protection	IP65	IP65	IP65