



Product Service

# Attestation of Conformity

No. N8A 15 10 72237 088

**Holder of Certificate: Shenzhen INVT Electric Co., Ltd.**

No.4 Building, Gaofa Industrial Park  
Longjing, Nanshan District  
518055 Shenzhen  
PEOPLE'S REPUBLIC OF CHINA

**Product: Converter  
(PV grid-interactive 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 testing and certification. See also notes overleaf.

**Test report no.:** 64290140257101**Date,** 2015-10-28  
(Billy Qiu)

After preparation of the necessary technical documentation as well as the EU conformity declaration 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.

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**Model(s):** **iMars BG6KTR, iMars BG8KTR, iMars BG10KTR,  
iMars BG12KTR, iMars BG15KTR, iMars BG17KTR**

**Parameters:**

Vmax. PV:	1000 Vd.c.
Isc PV:	See page 3
Max. continuous output current:	See page 3
Nominal active power Pn:	See page 3
Maximum active power PEmax:	See page 3
Maximum apparent power SEMax:	See page 3
Nominal frequency:	50 Hz
Nominal AC voltage:	3/N/PE, 230V/400V
Power factor (Cos phi), adjustable:	0,80under-excited to 0,80over-excited
Protective class:	I
Ingress protection:	IP65

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



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Model	iMars BG6KTR	iMars BG8KTR	iMars BG10KTR
Isc PV	12,5 A x 2	15,5 A x 2	21 A x 2
Max. continuous output current	9,6 A	12,8 A	16,1 A
Nominal active power $P_n$	6 kW	8 kW	10 kW
Maximum active power $P_{E_{max}}$	6,034 kW	8,021 kW	9,983 kW
Maximum apparent power $S_{E_{max}}$	6,082 kVA	8,080 kVA	10,402 kVA

Model	iMars BG12KTR	iMars BG15KTR	iMars BG17KTR
Isc PV	21 A x 2	23,5 A x 2	25,5 A x 2
Max. continuous output current	19,3 A	24,1 A	27,3 A
Nominal active power $P_n$	12 kW	15 kW	17 kW
Maximum active power $P_{E_{max}}$	11,880 kW	15,251 kW	16,963 kW
Maximum apparent power $S_{E_{max}}$	12,085 kVA	15,350 kVA	17,083 kVA

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