



Product Service

Attestation of Conformity

No. N8A 14 12 72237 079

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.: 64290130295301**Date,** 2014-12-29

(Frank Zhu)



CE 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.

Page 1 of 2



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Model(s): iMars BG20KTR, iMars BG25KTR, iMars BG30KTR

Parameters:

Vmax. PV:	1000 Vd.c.
Isc PV:	
iMars BG20KTR	27x2 A
iMars BG25KTR	33x2 A
iMars BG30KTR	36x2 A
Max. continuous output current:	
iMars BG20KTR	32 A
iMars BG25KTR	40 A
iMars BG30KTR	48 A
Nominal active power Pn:	
iMars BG20KTR	20 kW
iMars BG25KTR	25 kW
iMars BG30KTR	30 kW
Maximum active power PEmax:	
iMars BG20KTR	19,826 kW
iMars BG25KTR	24,930 kW
iMars BG30KTR	29,853 kW
Maximum apparent power SEMax:	
iMars BG20KTR	19,994 kVA
iMars BG25KTR	24,997 kVA
iMars BG30KTR	29,996 kVA
Nominal Frequency:	50 Hz
Nominal AC voltage:	3/N/PE, 230V/400V
Power factor (Cos phi), adjustable:	0,80 under-excited to 0,80 over-excited
Protective class:	I
Ingress protection:	IP65

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

Frank Jhm