



Product Service

# Compliance Document

No. D 14 11 72237 072

**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 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. See also notes overleaf.

**Test report no.:** 64290140323601**Date,** 2014-11-18

( Frank Zhu )



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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
MPPT Range:	280 – 800 Vd.c.
Maximum operating PV input current:	
iMars BG20KTR	25x2 A
iMars BG25KTR	30x2 A
iMars BG30KTR	33x2 A
Nominal AC voltage:	3/N/PE, 230V/400V
Nominal Frequency:	50 Hz
Max. continuous output current:	
iMars BG20KTR	32 A
iMars BG25KTR	40 A
iMars BG30KTR	48 A
Max. continuous output power:	
iMars BG20KTR	20 kVA
iMars BG25KTR	25 kVA
iMars BG30KTR	30 kVA
Power factor range(full load):	>0,99
Ingress protection:	IP65
Protective class:	I

**Tested according to:** IEC 61727:2004  
IEC 62116:2014

*Frank Jahn*