



Product Service

# CERTIFICATE

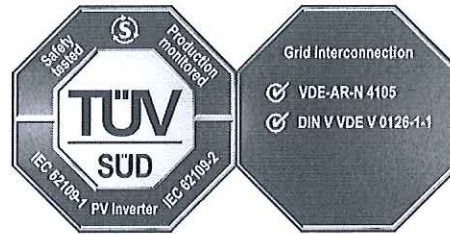
No. Z2 14 12 72237 078

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

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



**Certification Mark:**

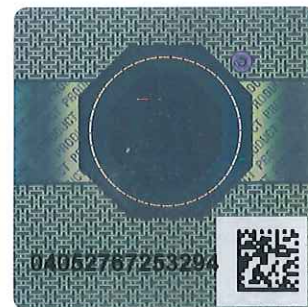


**Product:** Converter  
 (PV grid-interactive inverter)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** 64290130295301

**Valid until:** 2019-12-25



*Frank Zhu*

( Frank Zhu )

**Date,** 2015-01-05

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**CERTIFICATE**  
**No. Z2 14 12 72237 078****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
Remark: Additional test summary of VDE-AR-N 4105 F.3 & F.4 are attached at the end of the technical report.	

**Tested according to:**

IEC 62109-1:2010  
 EN 62109-1:2010  
 IEC 62109-2:2011  
 EN 62109-2:2011  
 DIN VDE 0126-1-1:2013  
 VDE-AR-N 4105:2011  
 DIN VDE V 0124-100:2012

**Production Facility(ies):** 77238

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*Frank Jhu*