ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

Attestation of Conformity

No. N8A 17 06 93811 013

Holder of Certificate: **INVT Solar Technology (ShenZhen) Co., Ltd.**

No.7 Building Gaofa Industrial Park, Longjing
Nanshan District
518055 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

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

Model(s): **iMars BG4KTR, iMars BG5KTR, iMars BG6KTR, iMars BG4KTR-S, iMars BG5KTR-S, iMars BG8KTR, iMars BG10KTR**

Parameters: MPPT voltage range: 200 – 800 Vd.c.
(See page 2 for more parameter details.)

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

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.: 64290170017401

718388

Date, 2017-06-19 (Billy Qiu)

CE 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. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Attestation of Conformity

No. N8A 17 06 93811 013

Product Service

Model	iMars BG4KTR	iMars BG5KTR	iMars BG6KTR
Vmax PV	900 Vd.c.	900 Vd.c.	900 Vd.c.
MPPT voltage range	200 – 800 Vd.c.	200 – 800 Vd.c.	200 – 800 Vd.c.
MPPT voltage range (full load)	210 – 800 Vd.c.	260 – 800 Vd.c.	310 – 800 Vd.c.
Isc PV	2x11 Ad.c.	2x11 Ad.c.	2x11 Ad.c.
Max. continuous PV input current	2x10 Ad.c.	2x10 Ad.c.	2x10 Ad.c.
MPPT tracker number Strings/string number per tracker	2 / 2	2 / 2	2 / 2
Max. continuous output current	6.4 Aa.c.	8 Aa.c.	9.6 Aa.c.
Nominal output voltage	3/N/PE, 230/400 Va.c.	3/N/PE, 230/400 Va.c.	3/N/PE, 230/400 Va.c.
Power factor, adjustable	0.9 leading~0.9 lagging	0.9 leading~0.9 lagging	0.9 leading~0.9 lagging
Nominal output frequency	50 Hz	50 Hz	50 Hz
Max. continuous output power	4000 VA	5000 VA	6000 VA
Operating temperature range	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C
IP class	IP65	IP65	IP65
Protective class	I	I	I

Model	iMars BG4KTR-S	iMars BG5KTR-S	iMars BG8KTR	iMars BG10KTR
Vmax PV	900 Vd.c.	900 Vd.c.	1000 Vd.c.	1000 Vd.c.
MPPT voltage range	200 – 800 Vd.c.	200 – 800 Vd.c.	200 – 800 Vd.c.	200 – 800 Vd.c.
MPPT voltage range (full load)	400 – 800 Vd.c.	450 – 800 Vd.c.	350 – 800 Vd.c.	400 – 800 Vd.c.
Isc PV	13 Ad.c.	13 Ad.c.	2x13 Ad.c.	2x14 Ad.c.
Max. continuous PV input current	12 Ad.c.	12 Ad.c.	2x12 Ad.c.	2x12.5 Ad.c.
MPPT tracker number / String number per tracker	1 / 1	1 / 1	2 / 2	2 / 2
Max.continuous output current	6.4 Aa.c.	8 Aa.c.	12.5 Aa.c.	14 Aa.c.
Nominal output voltage	3/N/PE, 230/400 Va.c.	3/N/PE, 230/400 Va.c.	3/N/PE, 230/400 Va.c.	3/N/PE, 230/400 Va.c.
Power factor, adjustable	0.9 leading~0.9 lagging	0.9 leading~0.9 lagging	0.9 leading~0.9 lagging	0.9 leading~0.9 lagging
Nominal output frequency	50 Hz	50 Hz	50 Hz	50 Hz
Max. continuous output power	4000 VA	5000 VA	8800 VA	10000 VA

TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany

TÜV®

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Attestation of Conformity

No. N8A 17 06 93811 013

Product Service

Operating temperature range	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C
IP class	IP65	IP65	IP65	IP65
Protective class	I	I	I	I

Test report no.: 64290170017401

Date, 2017-06-19

A1 / 04.11