



Product Service

Compliance Document

No. D 17 05 93811 012

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.
Nominal output voltage: 3/N/PE, 230/400 Va.c.
See page 2 for more parameter details.

Tested according to: IEC 61727(ed.2)
IEC 62116(ed.2)

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.: 64290170017701

Date, 2017-06-06


(Billy Qiu)



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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
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	9800 VA
Protective class	I	I	I	I

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Date, 2017-06-06