



Product Service

Compliance Document

No. D 15 12 93811 004

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 BG6KTR, iMars BG8KTR, iMars BG10KTR,
iMars BG12KTR, iMars BG15KTR, iMars BG17KTR**

Parameters:

| | |
|---------------------|-------------------|
| Vmax PV: | 1000 Vd.c. |
| Nominal Frequency: | 50 Hz |
| Nominal AC voltage: | 3/N/PE, 230V/400V |
| Protective class: | I |
| Ingress protection: | IP65 |

See page 2 for more parameters

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.: 64290150477401



Date, 2015-12-30


(Billy Qiu)

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| Model | iMars BG6KTR | iMars BG8KTR | iMars BG10KTR | iMars BG12KTR | iMars BG15KTR | iMars BG17KTR |
|---|---|---|---|---|---|---|
| Vmax PV | 1000 Vd.c. | 1000 Vd.c. | 1000 Vd.c. | 1000 Vd.c. | 1000 Vd.c. | 1000 Vd.c. |
| Isc PV | 12,5 Ad.c. x 2 | 15,5 Ad.c. x 2 | 21 Ad.c. x 2 | 21 Ad.c. x 2 | 23,5 Ad.c. x 2 | 25,5 Ad.c. x 2 |
| Max. continuous output current | 9,6 Aa.c. | 12,8 Aa.c. | 16,1 Aa.c. | 19,3 Aa.c. | 24,1 Aa.c. | 27,3 Aa.c. |
| Max. continuous output power | 6 kVA | 8 kVA | 10 kVA | 12 kVA | 15 kVA | 17 kVA |
| Nominal Frequency | 50 Hz | 50 Hz | 50 Hz | 50 Hz | 50 Hz | 50 Hz |
| Nominal AC voltage | 3/N/PE, 230V/400V | 3/N/PE, 230V/400V | 3/N/PE, 230V/400V | 3/N/PE, 230V/400V | 3/N/PE, 230V/400V | 3/N/PE, 230V/400V |
| Power factor, adjustable | 0,80 _{under-excited} to 0,80 _{over- excited} | 0,80 _{under-excited} to 0,80 _{over- excited} | 0,80 _{under-excited} to 0,80 _{over- excited} | 0,80 _{under-excited} to 0,80 _{over- excited} | 0,80 _{under-excited} to 0,80 _{over- excited} | 0,80 _{under-excited} to 0,80 _{over- excited} |
| Protective class | I | I | I | I | I | I |
| Ingress protection | IP65 | IP65 | IP65 | IP65 | IP65 | IP65 |

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