



Product Service

# Compliance Document

No. D 16 11 93811 011

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

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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.:** 64290150476801



**Date,** 2016-11-21

  
(Billy Qiu)

Page 1 of 2



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**Model(s):** iMars MG750TL, iMars MG1KTL, iMars MG1K5TL,  
 iMars MG2KTL, iMars MG3KTL

**Parameters:**

|                                 |   |
|---------------------------------|---|
| Vmax PV:                        | 400 Vd.c.(iMars MG750TL);<br>450 Vd.c.(iMars MG1KTL,<br>iMarsMG1K5TL, iMars MG2KTL);<br>500 Vd.c.(iMars MG3KTL) |
| Isc PV:                         |   |
| iMars MG750TL                   | 8,8 Ad.c.   |
| iMars MG1KTL                    | 9,9 Ad.c.   |
| iMars MG1K5TL                   | 11 Ad.c.  |
| iMars MG2KTL                    | 13,2 Ad.c.  |
| iMars MG3KTL                    | 16,5 Ad.c.  |
| Nominal AC voltage:             | 230 Va.c.   |
| Max. continuous output current: |   |
| iMars MG750TL                   | 3,6 Aa.c.   |
| iMars MG1KTL                    | 4,5 Aa.c.   |
| iMars MG1K5TL                   | 6,5 Aa.c.   |
| iMars MG2KTL                    | 9 Aa.c.   |
| iMars MG3KTL                    | 13 Aa.c.  |
| Nominal Frequency:              | 50 Hz   |
| Max. continuous output power:   |   |
| iMars MG750TL                   | 750 W   |
| iMars MG1KTL                    | 1000 W  |
| iMars MG1K5TL                   | 1500 W  |
| iMars MG2KTL                    | 2000 W  |
| iMars MG3KTL                    | 3000 W  |
| Power factor<br>(full load):    | >0,99   |
| Protective class:               | I   |
| Ingress protection:             | IP65  |

**Tested according to:** EN 50438:2013 (with default setting of Table 2)