

# Compliance Document

No. D 001965 0028 Rev. 00

**Holder of Certificate:** **Shenzhen Senergy Technology Co., Ltd.**

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**Product:** **Converter  
(PV Grid-connected 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. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290213079101

**Date,** 2021-11-17



( Billy Qiu )

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**Model(s):** SE 2KTL-S1/G2, SE 3KTL-S1/G2,  
SE 3.6KTL-S1/G2, SE 4KTL-D1/G2,  
SE 5KTL-D1/G2, SE 6KTL-D1/G2

## Parameters:

| Model  | SE 2KTL-S1/G2                    | SE 3KTL-S1/G2          | SE 3.6KTL-S1/G2        | SE 4KTL-D1/G2            | SE 5KTL-D1/G2            | SE 6KTL-D1/G2            |
|--|----------------------------------|------------------------|------------------------|--------------------------|--------------------------|--------------------------|
| PV terminal                                  |                                  |                        |                        |                          |                          |                          |
| Vmax. PV                                     | 500Vd.c.                         |                        |                        | 550Vd.c.                 |                          |                          |
| MPPT Voltage Range                           | 50-490Vd.c.                      |                        |                        | 70-540Vd.c.              |                          |                          |
| MPPT Tracker number                          | 1                                |                        |                        | 2                        |                          |                          |
| Max. continuous PV input current per tracker | 13Ad.c.                          |                        |                        | 13/13Ad.c.               |                          |                          |
| Isc PV per tracker                           | 15Ad.c.                          |                        |                        | 15/15Ad.c.               |                          |                          |
| Grid terminal                                |                                  |                        |                        |                          |                          |                          |
| Rated voltage                                | 220/230/240 Va.c.                |                        |                        |                          |                          |                          |
| Rated frequency                              | 50/60 Hz                         |                        |                        |                          |                          |                          |
| Maximum continuous output current            | 10Aa.c.                          | 15Aa.c.                | 16Aa.c.                | 20Aa.c.                  | 25Aa.c.                  | 27.3Aa.c.                |
| Rated output current                         | 9.1/8.7/<br>8.3 Aa.c.            | 13.6/13/<br>12.5 Aa.c. | 16/15.7/<br>15.0 Aa.c. | 18.2/17.4/<br>16.7 Aa.c. | 22.7/21.7/<br>20.8 Aa.c. | 27.3/26.1/<br>25.0 Aa.c. |
| Rated output power                           | 2000W                            | 3000W                  | 3600W                  | 4000W                    | 5000W                    | 6000W                    |
| Rated output Apparent power                  | 2000VA                           | 3000VA                 | 3600VA                 | 4000VA                   | 5000VA                   | 6000VA                   |
| Maximum continuous output Apparent power     | 2200VA                           | 3300VA                 | 3600VA                 | 4400VA                   | 5500VA                   | 6000VA                   |
| Power factor (Cos phi), adjustable           | 0.8 leading ~ 0.8 lagging        |                        |                        |                          |                          |                          |
| Enclosure                                    | IP65                             |                        |                        |                          |                          |                          |
| Temperature Range                            | -25°C ~ +60°C (derating at 45°C) |                        |                        |                          |                          |                          |
| Protective Class                             | I                                |                        |                        |                          |                          |                          |
| Altitude                                     | up to 4000 m                     |                        |                        |                          |                          |                          |

**Tested according to:**

IEC 60068-2-1:2007  
IEC 60068-2-2:2007  
IEC 60068-2-14:2009  
IEC 60068-2-30:2005