



Product Service

Attestation of Conformity

No. N8A 105620 0015 Rev. 00

Holder of Attestation: **Zhejiang Tengen Electric Co., Ltd.**

Sulv Industrial Area, Liushi Town
325604 Yueqing City
PEOPLE'S REPUBLIC OF CHINA

Product: **Constant voltage supply**
Automatic constant voltage supplies

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 conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 874102313605-00

Date, 2024-05-31

(Jie Zhu)

Page 1 of 3

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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Model(s): **TNS-1.5, TNS-3, TNS-4.5, TNS-6, TNS-9, TNS-15, TNS-20, TNS-30, TNS-40, TNS-50, TNS-60, TNS-75**
TND-0.5, TND-1, TND-1.5, TND-2, TND-3, TND-5, TND-7.5, TND-10, TND-15, TND-20, TND-30

Parameters:

Rated input: TNS series: 380VAC, $\pm 13\%$, 50/60Hz, 3-phase
 TND series: 220VAC, $\pm 13\%$, 50/60Hz, 1-phase

Rated output: TNS series: 380VAC, $\pm 3\%$, 50/60Hz, 3-phase
 TND series: 220VAC, $\pm 3\%$, 50/60Hz, 1-phase
 Details refer to table 1 and table 2

Insulation class: Class B

Rated ambient temperature: 25°C

Protection class: Class I

Degree of protection: IP20

Remark: These constant voltage supplies shall be installed by authorized person, and not for household and similar use.

Table 1

| Model | Rated input | Rated output |
|---------|--|--|
| TNS-1.5 | 380VAC, $\pm 13\%$, 50/60Hz, 3-phase | 380VAC, $\pm 3\%$, 50/60Hz, 3-phase, 1.5kVA |
| TNS-3 | | 380VAC, $\pm 3\%$, 50/60Hz, 3-phase, 3kVA |
| TNS-4.5 | | 380VAC, $\pm 3\%$, 50/60Hz, 3-phase, 4.5kVA |
| TNS-6 | | 380VAC, $\pm 3\%$, 50/60Hz, 3-phase, 6kVA |
| TNS-9 | | 380VAC, $\pm 3\%$, 50/60Hz, 3-phase, 9kVA |
| TNS-15 | | 380VAC, $\pm 3\%$, 50/60Hz, 3-phase, 15kVA |
| TNS-20 | | 380VAC, $\pm 3\%$, 50/60Hz, 3-phase, 20kVA |
| TNS-30 | | 380VAC, $\pm 3\%$, 50/60Hz, 3-phase, 30kVA |
| TNS-40 | | 380VAC, $\pm 3\%$, 50/60Hz, 3-phase, 40kVA |
| TNS-50 | | 380VAC, $\pm 3\%$, 50/60Hz, 3-phase, 50kVA |
| TNS-60 | | 380VAC, $\pm 3\%$, 50/60Hz, 3-phase, 60kVA |
| TNS-75 | | 380VAC, $\pm 3\%$, 50/60Hz, 3-phase, 75kVA |

Page 2 of 3

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Table 2

| Model | Rated input | Rated output |
|---------|-----------------------------------|---------------------------------------|
| TND-0.5 | 220VAC, ±13%, 50/60Hz, 1-phase | 220VAC, ±3%, 50/60Hz, 1-phase, 0.5kVA |
| TND-1 | | 220VAC, ±3%, 50/60Hz, 1-phase, 1kVA |
| TND-1.5 | | 220VAC, ±3%, 50/60Hz, 1-phase, 1.5kVA |
| TND-2 | | 220VAC, ±3%, 50/60Hz, 1-phase, 2kVA |
| TND-3 | | 220VAC, ±3%, 50/60Hz, 1-phase, 3kVA |
| TND-5 | | 220VAC, ±3%, 50/60Hz, 1-phase, 5kVA |
| TND-7.5 | | 220VAC, ±3%, 50/60Hz, 1-phase, 7.5kVA |
| TND-10 | | 220VAC, ±3%, 50/60Hz, 1-phase, 10kVA |
| TND-15 | | 220VAC, ±3%, 50/60Hz, 1-phase, 15kVA |
| TND-20 | | 220VAC, ±3%, 50/60Hz, 1-phase, 20kVA |
| TND-30 | | 220VAC, ±3%, 50/60Hz, 1-phase, 30kVA |

Tested
according to:

EN IEC 61558-1:2019
EN 61558-2-12:2011