



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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 874102313605-00

**Date,** 2024-05-31

( Jie Zhu )

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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

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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

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