



# TYPE APPROVAL CERTIFICATE

Certificate No:  
**TAE00001F9**  
Revision No:  
**1**

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## This is to certify:

That the **UPS**

with type designation(s)  
**NRT2-U1100C, NRT2-U1700C, NRT2-U2200C, NRT2-U3300C**

Issued to

**Socomec**  
**Sicon s.r.l. Isola Vicentina, Italy**

is found to comply with

**DNV rules for classification – Ships, offshore units, and high speed and light craft**

## Application :

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**

Issued at **Hamburg** on **2021-10-21**

This Certificate is valid until **2026-10-20**.

DNV local station: **Venice**

for **DNV**

Approval Engineer: **Andreas Andrecht**

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**Arne Schaarmann**  
**Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.  
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: TA 251

Revision: 2021-03

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## Product description

Online uninterruptible power supply (UPS), 1 phase.

Model	Input Voltage, frequency	Output	Output voltage, frequency
NRT2-U1100C	200 240V AC, 50/60Hz	1100VA	200 240V AC, 50/60Hz
NRT2-U1700C	200 240V AC, 50/60Hz	1700VA	200 240V AC, 50/60Hz
NRT2-U2200C	200 240V AC, 50/60Hz	2200VA	200 240V AC, 50/60Hz
NRT2-U3300C	200 240V AC, 50/60Hz	3300VA	200 240V AC, 50/60Hz

Location classes	
Temperature	A
Humidity	B
Vibration	A
EMC	B
Enclosure	A

## Name and place of manufacturer

Delta Electronics, Inc  
 No. 1688 Jiangxing East Road,  
 Wujiang Economic Development Zone  
 Wujiang City, 215200 Jiangsu Province, P.R. China

## Application/Limitation

The Type Approval covers hardware listed under Product description.

When the hardware is used in applications to be classed by DNV GL, documentation for the actual application is to be submitted for approval by the manufacturer of the application system in each case. Reference is made to DNV GL RU SHIP Pt.4 Ch.9 Sec. 1.

A Filter box NRT-KIT-DNV is to be installed at the AC Input Port.

## Type Approval documentation

### Tests carried out

Applicable tests according to Class Guideline DNVGL-CG-0339, Edition November 2015 and EN 62040-1:2008/A1:2013.

### Marking of product

- Manufacturer name socomec
- Model name
- Input data
- Output data

### Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE