

2970000043

UPS-NRT-1800-230T

Online UPS with extra battery 1800W/30min, 230VAC. Tower mount.

- Tower mounting brackets
- 4x vibration dampers
- Extra battery
- Runtime: 1800W / 30 minutes
- DNV-GL Type Approved

Description

Zenitel introduces its high-performance Online UPS, certified by DNV GL, specifically designed for the marine industry's harsh environment. The UPS-NRT-1800-230T employs double conversion technology with a sinusoidal waveform, ensuring a reliable power supply for critical equipment such as navigation systems, communication controls, and engine controls. This UPS features permanent voltage and frequency regulation, along with wide input voltage tolerance, making it highly adaptable to varying power conditions.

A key advantage of the UPS-NRT-1800-230T is its user-friendly interface, requiring no configuration on first startup. Its tower mount installation design allows for easy integration into various marine environments. The package comes complete with an extra modular battery and vibration dampers, enhancing its durability and performance in challenging maritime conditions.

Ideal for use in switching, server, and networking devices, VoIP communication systems, control systems, and video surveillance systems, the UPS-NRT-1800-230T offers a cost-effective solution to improve energy efficiency and reduce expenses.

An optional EMC filter is available, suitable for installation on a Bridge according to the DNV/GL certificate.

UPS-NRT-1800-230T Includes:

- NRT2-U3300C - Online UPS 3300VA 2700W
- NRT-B3000 - Extra Battery cabinet
- NRT-FBD - Set of brackets for UPS and battery.
- NRT-VIB2 - 4 Vibration dampers

www.zenitel.com info@zenitel.com Last revision date: 2025-12-05 09:29

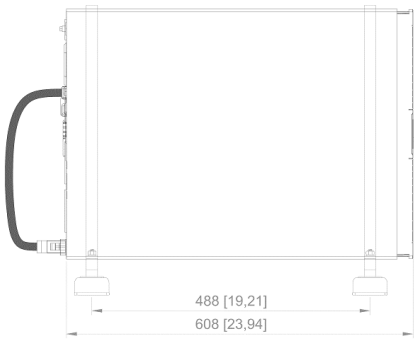
Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

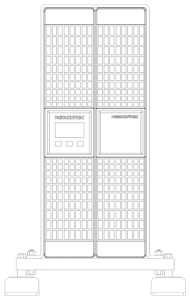
Option: EMC filter for installation on Bridge - according to the DNV/GL certificate.

Technical Dimensions

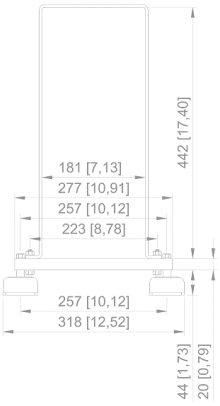
SIDE VIEW



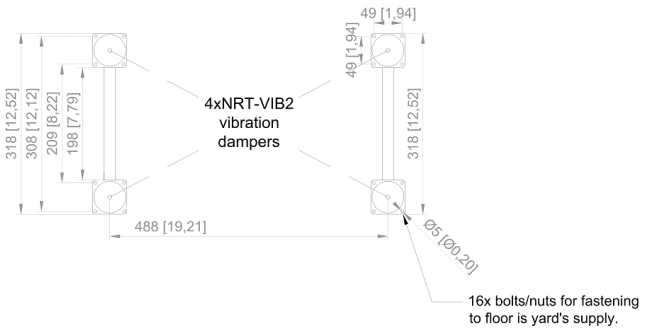
FRONT VIEW



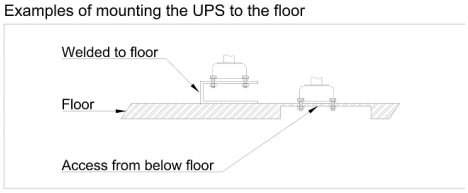
FRONT VIEW



BOTTOM VIEW



Examples of mounting the UPS to the floor



www.zenitel.com info@zenitel.com Last revision date: 2025-12-05 09:29

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

Specifications

GENERAL

Sn	3300 VA
Pn	2700 W
Architecture	on-line double conversion VFI with input PFC and automatic bypass
Input Rated Voltage	230 V (1ph)
Input Voltage Tolerance	175÷280 V; up to 120 V @70% load
Input Power factor / THDI	> 0.99 / < 5%
Output Rated Voltage	230 V (1ph)
Output Voltage Tolerance	selectable 200/208/220/240 V
Output Frequency Tolerance	± 2% (± 0.05 Hz in battery mode)
Output Power factor	0.9 @ 3000 VA
Efficiency	up to 93% online mode
Overload capability	up to 105% continuously; 125% for 3 min; 150% for 30 s
UPS Cabinet, Dimensions W x D x H	89 x 608 x 440 mm (2U)
UPS Cabinet, Weight	30 kg
External Battery Module, Dimensions W x D x H	89 x 608 x 440 mm (2U)
External Battery Module, Weight	43 kg
NRT-B3000 Battery	Estimated time: 2100W - 27 min / 2000W - 29 min / 1800W - 34 min / 1500W - 45 min / 1000W - 68 min
IP Rating	IP20

www.zenitel.com info@zenitel.com Last revision date: 2025-12-05 09:29

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

PRODUCT VARIANTS

2970000012	Online UPS with extra batt.-1000W/30min rack mount 230VAC
2970000013	Online UPS with extra batt.-1500W/30min rack mount 230VAC
2970000014	Online UPS with extra batt.-3500W/30min rack mount 230VAC
2970000021	Online UPS with extra batt.-600W/30min incl.bracket 230VAC
2970000022	Online UPS with extra batt.-1000W/30min incl.bracket 230VAC
2970000023	Online UPS with extra batt.-1500W/30min incl.bracket 230VAC
2970000024	Online UPS with extra batt.-3500W/30min incl.bracket 230VAC

ACCESSORIES

2970000200	NRT-OP-REL, I/O card for Netys RT
NRT-OP-RAIL	19" Extra mounting rail for all UPS

Accessories



UPS-NRT-CARD

I/O card for Netys RT

Item Number: 2970000200

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.