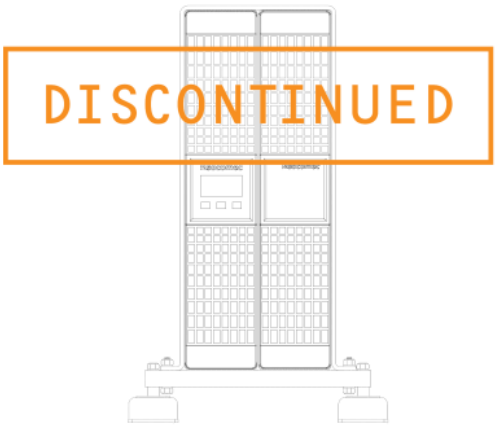
zenitel

DATASHEET



2970000042

UPS-NRT-1200-230T

Online UPS with extra battery: 1200W/30min, 230VAC. Tower mount.

- Tower mounting brackets
- 4x vibration dampers
- Extra battery
- Runtime: 1200W / 30 minutes
- DNV-GL Type Approved

Description

Zenitel introduces its high-performance Online UPS, certified by DNV GL, for the marine industry's harsh environment. With double conversion technology and a sinusoidal waveform, the NRT2-U1700C ensures a reliable power supply for critical equipment like navigation systems, communication controls, and engine controls. This UPS features permanent voltage and frequency regulation and wide input voltage tolerance. Additionally, the package includes an extra modular battery and vibration dampers. Ideal for use in switching, server, and networking devices, VoIP communication systems, control systems, and video surveillance systems, the NRT2-U1700C (Item 2970000022) offers a cost-effective solution to improve energy efficiency and reduce expenses. An optional EMC filter is also available for installation on a Bridge, according to the DNV/GL certificate.

- Online double conversion technology with a sinusoidal waveform
- Permanent regulation of output voltage and frequency
- Wide tolerance of the input voltage
- No configuration necessary on the first startup
- Installation inside standard 19“ rack cabinets
- Includes extra modular battery

NRT2-U1700C is the ideal solution for the following:

- Switching
- Servers and networking devices
- VoIP communication systems

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- Structured cabling systems
- Control systems
- Video surveillance systems

Product variants:

Item 2970000022, UPS Bracket Mount. Includes:
- NRT2-U1700C, Online UPS 1700VA 1200W.
- NRT-B2200 Extra Battery cabinet, Capacity: 1200Wfor 30 minutes; 1000W for 40 minutes.
- NRT-FBD: Set of brackets for UPS and battery.
- NRT-VIB2: 4 Vibration dampers

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

If a rack version is needed, please check item2970000012:
- NRT2-U1700C, Online UPS 1700VA 1200W.
- NRT-B2200 Extra Battery cabinet, Capacity: 1200Wfor 30 minutes; 1000W for 40 minutes.
- NRT-OP-RAIL19" mounting rail for UPS(*)

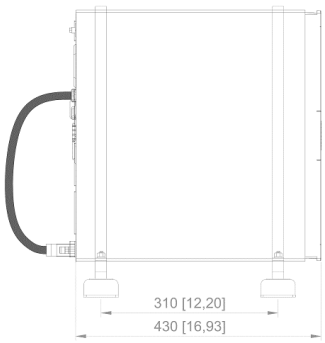
(*) Note: UPS includes mounting rails and it allows weight up to 100kg. If UPS and extra battery total weight exceed 100kg, the installation needs an extra NRT-OP-RAIL.

Technical Dimensions

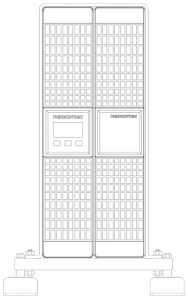
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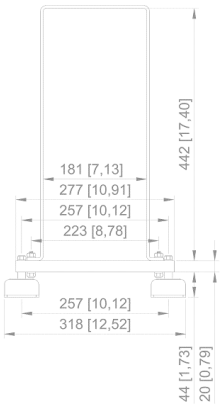
SIDE VIEW



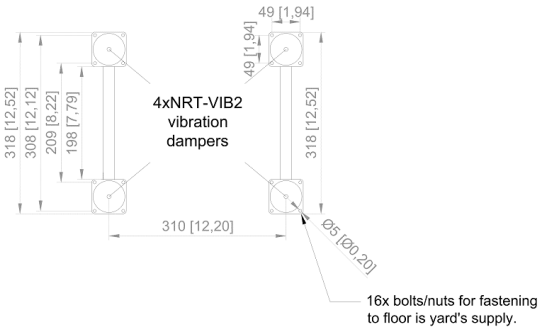
FRONT VIEW



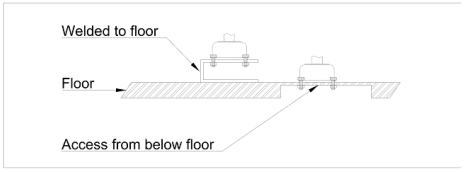
FRONT VIEW



BOTTOM VIEW



Examples of mounting the UPS to the floor



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Specifications

GENERAL

Sn	1700 VA
Pn	1350 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 @ 1500 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 430 x 440 mm (2U)
UPS Cabinet, Weight	18 kg
External Battery Module, Dimensions W x D x H	89 x 430 x 440 mm (2U)
External Battery Module, Weight	29 kg
NRT-B2200 Battery	Estimated time: 1200W - 33 min / 1000W - 44 min / 800W - 55 min
IP Rating	IP20

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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

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