

2970000035 - UPS-NRT-3500-230R - Dimensional Drawing

2970000035

UPS-NRT-3500-230R

Online UPS with extra battery 3500W/30min, 230VAC. Rack mount.

- ✓ Rack mounting rails
- ✓ 1+2 extra battery
- ✓ Runtime: 3500W / 30 minutes
- ✓ 8HU
- ✓ Minimum cabinet depth: 1000mm

Description

The marine industry calls for reliable equipment which is able to supply applications operating in harsh environments. In such a context, power outages cause extremely serious problems to critical equipment for the navigation system, and communication and engine controls, which leads to costs increasing.

- ✓ 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

NRT2-5000K is the ideal solution for:

- ✓ Switching
- ✓ Servers and networking devices
- ✓ VoIP communication systems
- ✓ Structured cabling systems
- ✓ Control systems
- ✓ Video surveillance systems

Product variants:

Item 2970000014, UPS Rack Mount Includes:

- ✓ NRT2-5000K, Online UPS 5000VA 4500W.
- ✓ 2 units of NRT-B7000 Extra Battery cabinets, Capacity:4000W - 28 min / 3500W - 34 min
- ✓ NRT-OP-RAIL 19" mounting rail for UPS(*)

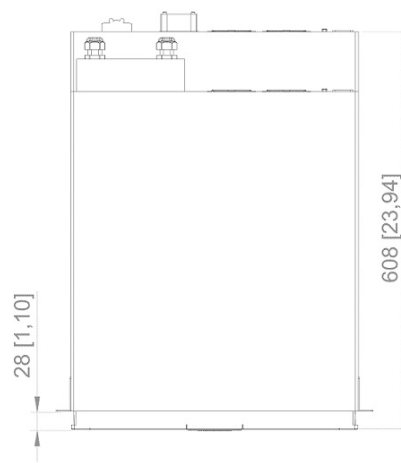
(*) Note: UPS include mounting rails and it allows weight up to 100kg. If UPS and extra battery total weight exceed 100kg, the installation needs an extra NRT-OP-RAIL.

Item 2970000024, UPS Bracket Mount Includes:

- ✓ NRT2-5000K, Online UPS 5000VA 4500W.
- ✓ 2 units of NRT-B7000 Extra Battery cabinets, Capacity:4000W - 28 min / 3500W - 34 min
- ✓ NRT-FBD: two sets of brackets for UPS and batteries.
- ✓ NRT-VIB2: 8Vibration dampers
- ✓ NRT-OP-CBL11B: Battery cable, 1 meter

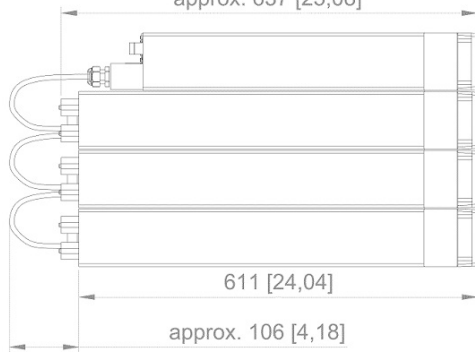
Technical Dimensions

TOP VIEW



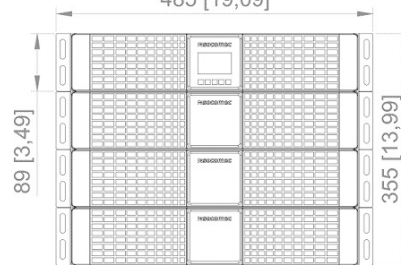
SIDE VIEW

approx. 637 [25,08]

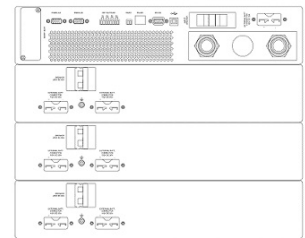


FRONT VIEW

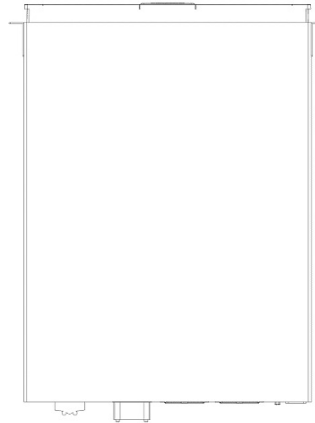
485 [19,09]



REAR VIEW



BOTTOM VIEW



Specifications

GENERAL

Sn	5000 VA
Pn	4500 W
Architecture	on-line double conversion VFI with input PFC and automatic bypass
Input Voltage	230 V (1ph) 181÷280 V; up to 100 V @50% load
Input Frequency	50/60 Hz +/-10% (Auto- Selectable)
Input Power factor / THDI	> 0.99 / < 5%
Output Voltage	230 V (1ph) selectable 200 / 208 / 220 / 240 V - 50 or 60 Hz ± 2% (± 0.05 Hz in battery mode)
Overload capability	up to 105% continuously; 125% x 5 min; 150% x 30 sec
Output Power factor	0.9 @ 5000 VA
UPS Cabinet, Dimensions W x D x H	177.5 x 670 x 440 mm (2U+2U)
UPS Cabinet, Weight	15.5+40 kg
External Battery Module, Dimensions W x D x H	89 x 608 x 440 mm (2U)
External Battery Module, Weight	40 kg
2 x NRT-B7000, Estimated battery time	4500W - 25 min / 4000W - 28 min / 3500W - 34 min / 3000W - 43 min / 2500W - 52 min
IP Rating	IP20

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

NRT-OP-RAIL	19" Extra mounting rail for all UPS
-------------	--