2970000215

# UPS-T91-1000

Online UPS, 1000 VA / 1000 W, 120V, Tower

- ✓ Online double-conversion UPS with pure sinewave output
- ✓ Provides a high, near-unity output power factor
- ✓ Wide input voltage range (55–150 VAC)
- ✓ Multiple communication interfaces (RS232, USB, and optional Web/SNMP, Modbus, Relay/dry contact cards)
- ✓ Extended battery packs available

## Description

The UPS-T91-1000 is an online double-conversion UPS designed for mission-critical applications that demand clean, continuous, and isolated power. Its near-unity power factor maximizes usable wattage, fitting seamlessly into intercom systems, IP telephony, navigation equipment, monitoring systems, and critical automation. The UPS-T91-1000 offers scalable runtime through optional external battery modules, supported by a high-capacity charger delivering up to 8 A for rapid recharge of multiple battery packs. With optional maintenance bypass, ECO-mode efficiency up to 98%, and broad communication support - including USB, RS-232, and optional Web/SNMP or Modbus cards - the UPS-T91-1000 ensures reliable operation and easy integration into modern monitoring systems.

UPS-T91-1000 Runtime overview (updated in December 2025):
- ✓ 1000 W / 6 min -> no additional battery module
- ✓ 950 W / 30 min -> with one additional UPS-T91-BP36A battery module

Note: The UPS-T91-1000 UPS supports up to seven external battery modules.

## Technical Dimensions

www.zenitel.com          info@zenitel.com                                              Last revision date: 2025-12-05 09:39

SIDE VIEW

396,3mm [15,60"]

FRONT VIEW

218,4mm [8,60"]

142,3mm [5,60"]

REAR VIEW

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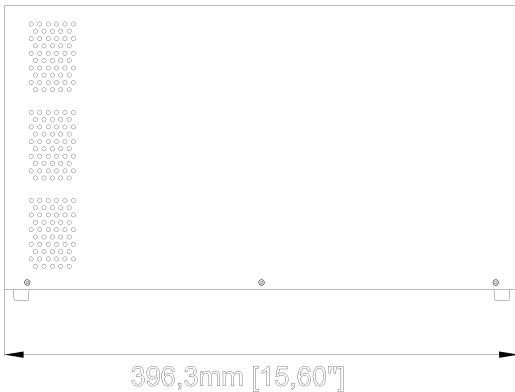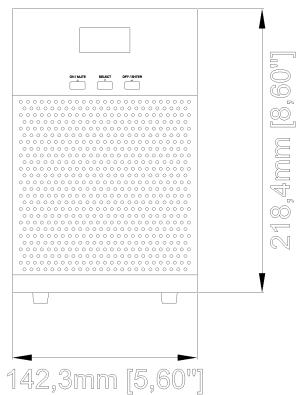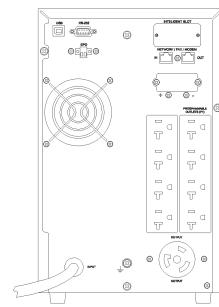
# Specifications

**GENERAL**

| | |
|---|---|
| Sn | 1000 VA |
| Pn | 1000 W |
| Input Voltage | 55-150 VAC (Depending on load level) |
| Input Frequency | 50/60 Hz auto-sensing |
| Output Voltage | 120 VAC nominal (100/110/115/127 selectable) |
| Output Waveform | Pure sine wave, zero transfer time |
| Output Frequency | 50/60Hz auto-sensing ≤ 1% |
| Output Efficiency | Up to 98% ECO Mode and 92% online mode |
| Output Overload Capacity | > 110% & ≤ 130% for 5 min; > 130% & ≤140% for 30 sec; >140% for 1.5 sec |
| Battery chemistry | Sealed, maintenance-free lead acid |
| Dimensions (W x D x H) | 142.3 x 396.3 x 218.4 mm / 5.6 x 15.6 x 8.6 in |
| Weight | 13.6 kg / 30 lbs |

# Accessories



UPS-XPC-CARD

Dry Contact Interface Card