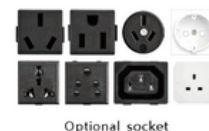
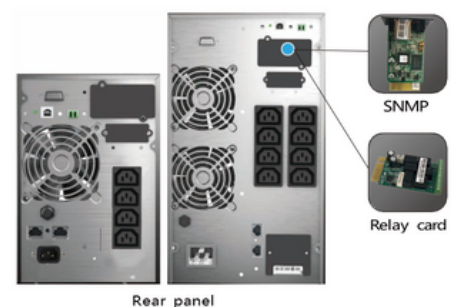


## Aurora AUP- 1003-TSB Uninterruptible Power Supply

- ▶ **High power density**
  - Online double conversion with full digital control
  - Wide input voltage range: 110~300Vac
- ▶ **Input power factor 0.99 with PFC**
  - Selectable output voltage: 208/220/230/240Vac
  - Smart charger design for optimized battery performance
- ▶ **Maximum charging current can be expanded to 12A (Long run unit)**
  - **Emergency power off function(EPO)**
  - ECO mode operation for energy saving
  - Generator compatible
  - Cold start
- ▶ **Intelligent fans speed regulation**
  - Load segment settable (Optional)
  - Versatile LCD human-computer interface
- ▶ **Multiple communication interface: RS232 (USB/EPO/Relay card /SNMP card)**
- ▶ **Multiple protection function: short-circuit, overload, overheat, battery overcharge and over discharge, output low voltage and fan fault alarm**



## SPECIFICATIONS

### Capacity

3000VA/2700W

### Frequency

Frequency range: 40~70Hz (50/60Hz Auto-Sensing)

### INPUT

- Nominal voltage: 208/220/230/240Vac
- Input voltage range: 110~300Vac (176~264Vac @ 100% load)
- Power factor:  $\geq 0.99$

## GENERAL

## Output

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- Output voltage: 208/220/230/240Vac
- Voltage regulation:  $\pm 1\%$
- Power factor: 0.9
- Output frequency
  - Line mode: 46~54Hz or 56~64Hz
  - Bat. mode: (50/60 $\pm$ 0.1%)Hz
- Crest factor: 3:1
- Harmonic distortion (THDv):
  - $\leq 3\%$  Linear load
  - $\leq 5\%$  Non linear load
- Transfer time
  - AC mode to Bat.mode: 0ms
  - Inverter to Bypass: 4ms (Typical)
- Output waveform: Pure Sinewave

## Alarm

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- Battery mode: Beeping every 4 seconds
- Battery low: Beeping every second
- Overload: Beeping twice every second
- Fault: Continuously beeping

## Environment

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- Operating temperature: 0°C~40°C
- Storage temperature: -25°C~55°C
- Humidity range: 20~95%RH @ 0~40°C (Noncondensing)
- Altitude: <1500m, derating required when >1500m
- Noise level: <50dB at 1 Meter

## Efficiency

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- AC mode: 91%
- Battery mode: 88%

## Battery

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- Battery number : 6
- Capacity (Standard unit): 9Ah/12V (7Ah/12V optional)
- Typical recharging time: 4 hours (To 90% of full capacity)
- Charging current (Max.): 1A

## Indicators

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- LED display: Line mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault
- LCD display: Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature& Remaining battery backup time

## Physical

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- Dimension WxDxH: 191x460x337mm
- Net weight: 29.5kg

## Standards

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- Safety: IEC/EN 62040-1, IEC/EN 62477-1
- EMC: IEC/EN 62040-2 (IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, IEC 61000-2-2)

**Note:** When output voltage is 208Vac, need to derate to 80% of the unit capacity