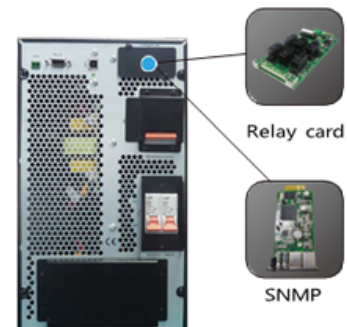


## Aurora AUP- 1010-TSB Uninterruptible Power Supply

- ▶ Online double conversion with full digital control
- ▶ Wide input voltage range: 110~286Vac
- ▶ Input power factor 0.99 with PFC
  - Wide input frequency range
  - Selectable output voltage: 208/220/230/240Vac
  - Generator compatible
  - ECO mode operation for energy saving
  - Self-testing when UPS startup
- ▶ Multiple communication interface: RS232/USB/EPO (SNMP card)
  - Cold start
  - Design with maintenance switch(Optional)
- ▶ Intelligent fans speed regulation
- ▶ Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



## SPECIFICATIONS

### Capacity

10000VA/9000W

### Frequency

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

### INPUT

- Nominal voltage: 208/220/230/240Vac
- Input voltage range: 110~286Vac
- Power factor:  $\geq 0.99$
- Bypass voltage range:
  - Max.voltage: 230~264Vac
  - Min.voltage: 176~220Vac

## GENERAL

## Output

---

- 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
- Overload
  - Line mode: Load $\leq 105\%$  long time running; $\leq 125\%$  last 10min; $\leq 130\%$  last 30s;  $> 130\%$  turn to bypass mode immediately
  - Bypass mode: 63A (Breaker)
- Efficiency: up to 93.5%

## Alarm

---

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

## Environment

---

- 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: <58dB at 1 Meter

## Battery

---

- Battery voltage: 240Vdc
- Capacity (Standard unit): 9Ah/12V (7Ah/12V optional)
- Typical recharging time: 6~8 hours (To 90% of full capacity)
- Charging current (Max.): 1.35A (Standard unit); Long run unit Max.current 8A(Charging current can be set according to battery capacity)

## Indicators

---

- 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

---

- Dimension W×D×H: 191×460×720mm
- Net weight: 71kg

## Standards

---

- 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