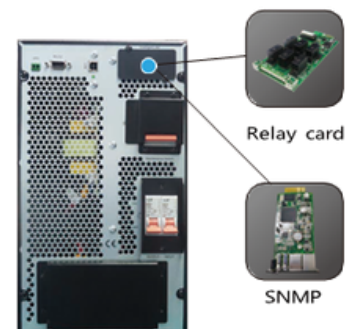


Aurora AUP- 1006-TSB Uninterruptible Power Supply

- ▶ 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

6000VA/5400W

Frequency

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

INPUT

- Nominal voltage: 208/220/230/240Vac
- Input voltage range: 110~286Vac
- Power factor: ≥ 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: 40A (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: <55dB 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: 69.5kg

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