

Gaming UPS

1000 VA ~ 2000 VA



Features

- Pure sine wave output
- DSP digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Adjustable charging current and battery shutdown point
- Settable ECO mode and no-load shutdown
- Humanized alarm system
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Intelligent battery management
- Short circuit and overload protection
- Automatic charging in OFF mode
- USB & RJ45 communication port

Appearance



Front Panel Design

- Aggressive Aesthetic: Use angular, futuristic lines with a matte-black base
- Embed diffused RGB LED on the front panel to create a dynamic effect.
- Programmable 8-mode lighting synced to UPS modes.

Charging Ports & UI

- Highlight USB-A/USB-C ports with polygon design to make them pop against the matte finish.
- Support 15W charging

Ventilation with Style

- Rear fans should feature RGB ring lighting (matchable to front LEDs) and honeycomb mesh grilles for a "gaming rig" vibe.

Highlight Key Features

- "World's First Gaming UPS with Reactive RGB Lighting."
- "15W Fast Charging for Mobile Devices – Stay Powered, Never Pause."

Specifications

| MODEL | 1000VA | 1500VA | 2000VA | |
|----------------------------------|--|------------------|------------------|------|
| Capacity | 1000 VA / 800 W | 1500 VA / 1200 W | 2000 VA / 1600 W | |
| DC INPUT | | | | |
| Rated voltage | 24 V | | 36 V | |
| DC input range (default) | 20 ~ 30 V | | 30 ~ 45 V | |
| AC INPUT | | | | |
| AC input range (bypass mode) | 0 ~ 121 / 132 / 138 / 144 Vac for 100 / 110 / 115 / 120 Vac ± 10 Vac 0 ~ 242 / 264 / 276 / 288 Vac for 200 / 220 / 230 / 240 Vac ± 10 Vac | | | |
| AC input range (mains mode) | 100 V: 70 ~ 130 Vac 110 V: 80 ~ 140 Vac 115 V: 85 ~ 145 Vac 120 V: 90 ~ 150 Vac 200 V: 145 ~ 260 Vac 220 V: 165 ~ 280 Vac 230 V: 175 ~ 290 Vac 240 V: 185 ~ 300 Vac | | | |
| Frequency input range | 50 / 60 Hz (auto-sensing), 50 / 60 Hz ± 5% ~ 15% | | | |
| Generator connection | Available (generator input power is settable) | | | |
| OUTPUT | | | | |
| Inverter output range | 100 / 110 / 115 / 120 / 200 / 220 / 230 / 240 Vac ± 5% (settable) | | | |
| AC output range (bypass mode) | 0 ~ 121 / 132 / 138 / 144 Vac for 100 / 110 / 115 / 120 Vac ± 10 Vac 0 ~ 242 / 264 / 276 / 288 Vac for 200 / 220 / 230 V / 240 Vac ± 10 Vac | | | |
| AC output range (mains mode) | 100 V: 90 ~ 110 Vac 110 V: 99 ~ 121 Vac 115 V: 103 ~ 126 Vac 120 V: 108 ~ 132 Vac 200 V: 166 ~ 226 Vac 220 V: 188 ~ 245 Vac, 230 V: 199 ~ 254 Vac 240 V: 210 ~ 264 Vac | | | |
| Output frequency | 50 / 60 Hz ± 0.3 Hz (settable) | | | |
| Waveform | Pure sine wave | | | |
| Inverter efficiency | Max. 80% | | Max. 85% | |
| Energy saving mode | Settable (< 3% load), enter in 80 s | | | |
| No-load shutdown | Settable (< 3% load), shut down in 80 s | | | |
| Transfer time | ≤ 10 ms | | | |
| THDV (resistive load) | ≤ 5% | | | |
| Protections | Overload, short circuit (inverter), battery low voltage, battery overcharge, overtemperature | | | |
| Overload (mains mode) | 110% for 120 s, 125% for 60 s, 150% for 10 s (transfer to bypass mode) | | | |
| Overload (inverter mode) | 110% for 60 s, 125% for 10 s, 150% for 5 s (shut down directly) | | | |
| Mute | Automatic mute in 60 s or by manual | | | |
| BATTERIES | | | | |
| Inbuilt battery (standard model) | 12 V / 7 Ah x 2 | 12 V / 9 Ah x 2 | 12 V / 9 Ah x 3 | |
| Charging current | Standard model (S): 1 A (default) | | | |
| Equalizing charge voltage | Single battery 14.1 Vdc (default), 13.6 ~ 15 Vdc adjustable | | | |
| Floating charge voltage | Single battery 13.5 Vdc (default), 13.2 ~ 14.6 Vdc adjustable | | | |
| Low voltage alarm point | Single battery 10.8 Vdc (default), 9.6 ~ 13 Vdc adjustable | | | |
| Low voltage shutdown point | Single battery 10.2 Vdc (default), 9.6 ~ 11.5 Vdc adjustable | | | |
| OTHERS | | | | |
| Communications | USB & RJ45 (standard), dry contacts / SNMP (optional) | | | |
| Operating temperature | 5°C ~ 40°C | | | |
| Operating humidity | Relative humidity ≤ 93% | | | |
| Noise level | ≤ 50 dB (1 m) | | | |
| Tower | Dimensions (W × D × H) (mm) | 144 x 375 x 215 | 144 x 440 x 215 | |
| | Packaged dimensions (W × D × H) (mm) | 230 x 480 x 320 | | |
| | Net weight (kg) | 12.5 | 14.5 | 18.8 |
| | Gross weight (kg) | 13.8 | 15.8 | 20.2 |

- All specifications are subject to change without notice
- Custom-made specifications are acceptable