

Plus1L Series 600-2000VA



- > Controlled by a technologically advanced microprocessor guaranteeing high reliability
- > Equipped with 2-steps boost & 1-step buck AVR to stabilize output voltage
- > USB port and monitor software is designed to manage UPS status via PC (Optional)
- > Built-in DC start function enables UPS to be started without AC power supplied
- > Constant current, constant voltage battery charger (CCCV Battery Charger)
- > UPS will charge itself even though power switch is off (Off mode charging)
- > UPS will shut down upon battery low ; UPS will restart automatically upon AC recovery (Auto-restart)
- > Over / under voltage protection (UPS will go to battery mode)
- > Provide lightning, surge, overload and short circuit protection

Specifications:

| MODEL | Plus1L-600G | Plus1L-800G | Plus1L-1000G | Plus1L-1200G | Plus1L-1500G | Plus1L-2000G |
|-----------------------------|--|--------------|---------------|---------------|----------------------------------|---------------|
| | Plus1L-U600G | Plus1L-U800G | Plus1L-U1000G | Plus1L-U1200G | Plus1L-U1500G | Plus1L-U2000G |
| CAPACITY | 600VA/360W | 800VA/480W | 1000VA/600W | 1200VA/720W | 1500VA/900W | 2000VA/1200W |
| INPUT | | | | | | |
| Voltage | 220/230Vac | | | | | |
| Voltage Range | - 30%, + 25% | | | | | |
| Frequency | 50Hz or 60Hz (Auto-sensing) | | | | | |
| OUTPUT | | | | | | |
| Voltage Regulation | AC mode / Battery normal: +/- 10% | | | | | |
| Frequency | AC mode: 47 - 53Hz for 50Hz or 57 - 63Hz for 60Hz ; Battery mode: 50Hz or 60Hz +/- 1Hz | | | | | |
| Waveform | Simulated Sinewave | | | | | |
| Transfer Time | < 6ms (Typical) | | | | | |
| Outlet: Schuko | 3pcs Back-up/AVR/Surge protected | | | | 6pcs Back-up/AVR/Surge protected | |
| BATTERY | | | | | | |
| Type | Maintenance free sealed lead-acid battery | | | | | |
| Voltage | 12VDC | | | 24VDC | | |
| Capacity & Number | 12V/7AH*1pc | 12V/9AH*1pc | 12V/7AH*2pcs | 12V/7AH*2pcs | 12V/9AH*2pcs | 12V/9AH*2pcs |
| Recharge Time | 5 hours to 90% after complete discharge | | | | | |
| Safety Protection | Over Charge & Over Discharge Protection | | | | | |
| Advanced Battery Management | Yes | | | | | |
| DISPLAY | | | | | | |
| LCD Display | Input voltage, Output voltage, Load level, Battery level, Fault, Battery fail, Overload, AC normal | | | | | |
| AUDIBLE ALARM | | | | | | |
| Battery Mode | Two short tones every 8 seconds | | | | | |
| Low Battery | Four short tones every second | | | | | |
| Overload | Beeping continuously | | | | | |
| Fault | Beeping continuously | | | | | |
| MANAGEMENT | | | | | | |
| USB Communication Port | Plus1L: N/A | | | | | |
| | Plus1L-U: Included & download monitoring software | | | | | |
| ENVIRONMENT | | | | | | |
| Operating Temperature | 0°C - 40°C (32°F - 104°F) | | | | | |
| Humidity | 0 - 95% (Non-condensing) | | | | | |
| Acoustic Noise | < 40 dB at 1M | | | | | |
| PHYSICAL | | | | | | |
| Dimension (D*W*H) | 305*98*170mm | | 385*98*170mm | | 360*150*160mm | |

*Product specifications are subject to change without further notice.