

## 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-600N	Plus1L-800N	Plus1L-1000N	Plus1L-1200N	Plus1L-1500N	Plus1L-2000N
	Plus1L-U600N	Plus1L-U800N	Plus1L-U1000N	Plus1L-U1200N	Plus1L-U1500N	Plus1L-U2000N
CAPACITY	600VA/360W	800VA/480W	1000VA/600W	1200VA/720W	1500VA/900W	2000VA/1200W
INPUT						
Voltage	110/115/120Vac					
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: Nema5-15R	4pcs backup/AVR/Surge protected + 4pcs Surge only				8pcs 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.