

## Plus1E 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	Plus1E-600R4	Plus1E-800R4	Plus1E-1000R4	Plus1E-1200R4	Plus1E-1500R4	Plus1E-2000R4
	Plus1E-U600R4	Plus1E-U800R4	Plus1E-U1000R4	Plus1E-U1200R4	Plus1E-U1500R4	Plus1E-U2000R4
CAPACITY	600VA/360W	800VA/480W	1000VA/600W	1200VA/720W	1500VA/900W	2000VA/1200W
<b>INPUT</b>						
Voltage	220/230/240Vac					
Voltage Range	- 30%, + 25%					
Frequency	50Hz or 60Hz (Auto-sensing)					
<b>OUTPUT</b>						
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: Universal	2pcs Back-up/AVR/Surge protected				6pcs Back-up/AVR/Surge protected	
<b>BATTERY</b>						
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					
<b>DISPLAY</b>						
LED Status Indicators	AC Normal (Green), Battery backup (Yellow), UPS cut off / Fault (Red)					
<b>AUDIBLE ALARM</b>						
Battery Mode	Two short tones every 8 seconds					
Low Battery	Four short tones every second					
Overload	Beeping continuously					
Fault	Beeping continuously					
<b>MANAGEMENT</b>						
USB Communication Port	Plus1E: N/A					
	Plus1E-U: Included & download monitoring software					
<b>ENVIRONMENT</b>						
Operating Temperature	0°C - 40°C (32°F - 104°F)					
Humidity	0 - 95% (Non-condensing)					
Acoustic Noise	< 40 dB at 1M					
<b>PHYSICAL</b>						
Dimension (D*W*H)	305*98*170mm		385*98*170mm		360*150*160mm	

\*Product specifications are subject to change without further notice.