

## Plus3E Series 600-800VA



- > 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)
- > Coaxial cable line / modem / phone protection
- > 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)
- > Over / under voltage protection (UPS will go to battery mode)
- > Lightning / surge protection 175 joules
- > UPS will shut down upon battery low ; UPS will restart automatically upon AC recovery (Auto-restart)
- > Smart USB charging station 5VDC 2.4A max. for smart devices power charging (Optional)

### Specifications:

CAPACITY	600VA/360W	800VA/480W
<b>INPUT</b>		
Voltage	110/115/120Vac	
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: Nema5-15R	5pcs Back-up/AVR/Surge protected + 4pcs Surge only	
USB Charge (Optional)	2 ports, 5VDC 2.4A max.	
Coax-TV Protector (Optional)	2 ports	
<b>BATTERY</b>		
Type	Maintenance free sealed lead-acid battery	
Voltage	12VDC	
Capacity & Number	12V/7AH*1pc	12V/9AH*1pc
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 (Blue), 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 (Optional)	Support with 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)	320*175*95mm	

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

### Intelligent Battery Door Design:



### Model Name Table:

MODEL	Power Rating	Model Format	Indicators	USB port	USB Charge
Plus3E-600N	600VA/360W	Brick	LED	-	-
Plus3E-U600N	600VA/360W	Brick	LED	V	-
Plus3E-S600N	600VA/360W	Brick	LED	-	V
Plus3E-US600N	600VA/360W	Brick	LED	V	V
Plus3E-800N	800VA/480W	Brick	LED	-	-
Plus3E-U800N	800VA/480W	Brick	LED	V	-
Plus3E-S800N	800VA/480W	Brick	LED	-	V
Plus3E-US800N	800VA/480W	Brick	LED	V	V