

Plus3L 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
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	5pcs Back-up/AVR/Surge protected + 4pcs Surge only	
USB Charge (Optional)	2 ports, 5VDC 2.4A max.	
Coax-TV Protector (Optional)	2 ports	
BATTERY		
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	
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 (Optional)	Support with 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)	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
Plus3L-600N	600VA/360W	Brick	LCD	-	-
Plus3L-U600N	600VA/360W	Brick	LCD	V	-
Plus3L-S600N	600VA/360W	Brick	LCD	-	V
Plus3L-US600N	600VA/360W	Brick	LCD	V	V
Plus3L-800N	800VA/480W	Brick	LCD	-	-
Plus3L-U800N	800VA/480W	Brick	LCD	V	-
Plus3L-S800N	800VA/480W	Brick	LCD	-	V
Plus3L-US800N	800VA/480W	Brick	LCD	V	V