Plus5L-S 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)
- Easy replacement battery design
- Lightning / surge protection 175 joules
- > Smart USB charging 5VDC 2.4A max. for smart devices power charging

Specifications:

Plus LUS	MODEL	Plus5L-S600UN	Plus5L-S800UN	Plus5L-S1000UN	Plus5L-S1200UN	Plus5L-S1500UN	Plus5L-S2000UN	
NPUT		Plus5L-US600UN	Plus5L-US800UN	Plus5L-US1000UN	Plus5L-US1200UN	Plus5L-US1500UN	Plus5L-US2000UN	
Voltage 220/230Vac Voltage Range - 30% + 25% Frequency 50% to 60Hz (Auto-sensing) Voltage Regulation A C mode / Battery normal: */ 10% Frequency AC mode / 7 - 53Mz for 60Hz + 53Mz for 60Hz + 53Mz for 60Hz + 1Hz Waiverform Voltage Regulation Voltage Regulation Voltage A C - 58Mz for 60Hz + 10% Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz + 10 Wz Voltage A C - 58Mz for 60Hz	CAPACITY	600VA/360W	800VA/480W	1000VA/600W	1200VA/720W	1500VA/900W	2000VA/1200W	
Voltage Range -30% + 25%	INPUT							
Solity or 60Hz (Auto-ensing)	Voltage	220/230Vac						
OUTPUT Voltage Regulation AC mode / 8 attery normal: +/ 10% Frequency AC mode - 47 - 53 htz for 50 htz or 50 + 2 or 50 + 2 or 50 htz or 60 htz ; Battery mode: 50 htz or 60 htz +/ 1 htz Waveform Simulated Sinewave Transfer Time < 6 ms (Typical) Outlet: EURO-US Apes Back-up/AVR/Surge + 4 pcs Surge only 5 pcs Back-up/AVR/Surge + 5 pcs Surge only Smart USB Charging 2 ports, 5 vDC 2 4 A max. BATTERY Type Maintenance free sealed lead-acid battery Voltage 12 vDC 2 apacity & Number 12 v/7A ht*1pc 12 v/5A ht*1pc 12 v/5A ht*1pc 12 v/7A ht*2pcs 1	Voltage Range	-30%, +25%						
AC mode / Battery normal: +/- 10%	Frequency	50Hz or 60Hz (Auto-sensing)						
AC mode: 47 - 53Hz for 50Hz or 57 - 63Hz for 60Hz; Battery mode: 50Hz or 60Hz + /- 1Hz	OUTPUT							
Simulated Sinewave Transfer Time	Voltage Regulation	AC mode / Battery normal: +/- 10%						
Transfer Time	Frequency	AC mode: 47 - 53Hz for 50Hz or 57 - 63Hz for 60Hz ; Battery mode: 50Hz or 60Hz +/- 1Hz						
Outlet: EURO-US 4pcs Back-up/AVR/Surge + 4pcs Surge only 5pcs Back-up/AVR/Surge + 5pcs Surge only Smart USB Charging 2 ports, 5VDC 2.44 max. Format USB Charging AW 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*2p	Waveform	Simulated Sinewave						
Smart USB Charging 2 ports, 5VDC 2.4A max. 2	Transfer Time	< 6ms (Typical)						
### A Maintenance free sealed lead-acid battery Type	Outlet: EURO-US	4pcs Back-up/AVR/Surge + 4pcs Surge only 5pcs Back-up/AVR/Surge + 5pcs Surge only						
Maintenance free sealed lead-acid battery 24VDC	Smart USB Charging	2 ports, 5VDC 2.4A max.						
Voltage 12VDC 24VDC Capacity & Number 12V/7AH*1pc 12V/9AH*1pc 12V/7AH*2pcs 12V/7AH*2pcs 12V/9AH*2pcs 12V/9AH*2	BATTERY							
Capacity & Number 12V/TAH*1pc 12V/9AH*1pc 12V/TAH*2pcs 12V/TAH*2pcs 12V/9AH*2pcs 12	Туре	Maintenance free sealed lead-acid battery						
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 Overload Beeping continuously Fault Beeping continuously Fault Beeping continuously MANAGEMENT USB Communication Port Plus5L-S: N/A Plus5L-US: Included & download monitoring software ENVIRONMENT Operating Temperature 0°C - 40°C (32°F - 104°F) Humidity 0 - 95% (Non-condensing) Acoustic Noise 4 d0 Bat 1M PHYSICAL	Voltage	12VDC 24VDC						
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 8 seconds Low Battery Beeping continuously Fault Beeping continuously MANAGEMENT USB Communication Port Plus5L-S: N/A Plus5L-US: Included & download monitoring software ENVIRONMENT Operating Temperature 0°C - 40°C (32°F - 104°F) Humidity 0 - 95% (Non-condensing) Acoustic Noise 4 d0 dB at 1M PHYSICAL	Capacity & Number	12V/7AH*1pc	12V/9AH*1pc	12V/7AH*2pcs	12V/7AH*2pcs	12V/9AH*2pcs	12V/9AH*2pcs	
Advanced Battery Management DISPLAY LCD Display Input voltage, Output voltage, Load level, Battery level, Fault, Battery fail, Overload, AC normal AUDIBLE ALARM Battery Mode Low Battery Four short tones every 8 seconds Low Battery Overload Beeping continuously Fault Beeping continuously MANAGEMENT USB Communication Port Plus5L-S: N/A Plus5L-US: Included & download monitoring software ENVIRONMENT Operating Temperature O°C - 40°C (32°F - 104°F) Humidity Acoustic Noise 4 d dB at 1M PHYSICAL	Recharge Time	5 hours to 90% after comp	5 hours to 90% after complete discharge					
DISPLAY LCD Display Input voltage, Cutput voltage, Easttery 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 Plus5L-S: N/A Plus5L-US: 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	Safety Protection	Over Charge & Over Discharge Protection						
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 Plus5L-S: N/A Plus5L-US: 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	Advanced Battery Management	Yes						
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 Plus5L-S: N/A Plus5L-US: 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	DISPLAY	<u> </u>						
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 Plus5L-S: N/A Plus5L-US: 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	LCD Display	Input voltage, Output voltage, Load level, Battery level, Fault, Battery fail, Overload, AC normal						
Low Battery Four short tones every second Overload Beeping continuously Fault Beeping continuously MANAGEMENT USB Communication Port Plus5L-S: N/A Plus5L-US: 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	AUDIBLE ALARM	м						
Overload Beeping continuously Fault Beeping continuously MANAGEMENT USB Communication Port Plus5L-S: N/A Plus5L-US: 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	Battery Mode	Two short tones every 8 seconds						
Fault Beeping continuously MANAGEMENT USB Communication Port Plus5L-S: N/A Plus5L-US: 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	Low Battery	Four short tones every second						
MANAGEMENT USB Communication Port Plus5L-S: N/A Plus5L-US: 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	Overload	Beeping continuously						
USB Communication Port Plus5L-S: N/A Plus5L-US: 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	Fault	Beeping continuously						
Plus5L-US: 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	MANAGEMENT	'						
ENVIRONMENT Operating Temperature 0°C - 40°C (32°F - 104°F) Humidity 0 - 95% (Non-condensing) Acoustic Noise < 40 dB at 1M	USB Communication Port Plus5L-S: N/A							
Operating Temperature 0°C - 40°C (32°F - 104°F) Humidity 0 - 95% (Non-condensing) Acoustic Noise < 40 dB at 1M		Plus5L-US: Included & download monitoring software						
Humidity 0 - 95% (Non-condensing) Acoustic Noise < 40 dB at 1M PHYSICAL	ENVIRONMENT							
Acoustic Noise < 40 dB at 1M PHYSICAL	Operating Temperature	0°C - 40°C (32°F - 104°F)						
PHYSICAL	Humidity	0 - 95% (Non-condensing)						
	Acoustic Noise	< 40 dB at 1M						
Dimension (D*W*H) 315.5*100*141mm 343*135*208mm	PHYSICAL	•						
	Dimension (D*W*H)	315.5*100*141mm		343*135*208mm				

 $[\]ensuremath{^{*}\text{Product}}$ specifications are subject to change without further notice.

Intelligent Battery Door Design:



