

PlusPRO 3 Series: LV Tower 1-3KVA True Double Conversion 1P/1P



- > High performance true double conversion On Line UPS 1-3KVA
- > Intelligent Solt (SNMP) + USB multiple communications
- > Individual Power Distribution Unit (PDU) with maintenance bypass switch (3KVA model available)
- > External battery bank to extend back-up time (Optional)
- > Microprocessor control guarantees high reliability
- > Low heat dissipation in long time operation
- > Emergency power-off function (EPO)
- > Automatic self-testing function
- > High efficiency mode (ECO mode)
- > Output voltage regulation < 2%
- > Power management software
- > Output power factor 0.9
- > Wide input range
- > Fan speed control
- > DC start

MODEL	PlusPRO 3-1000	PlusPRO 3-3000
CAPACITY	1KVA/0.9KW	3KVA/2.7KW
INPUT		
Voltage	1 Phase 2 Wires with Ground 110/115/120Vac	
Voltage Range	55 - 150Vac	
Frequency	50Hz or 60Hz (Auto-Sensing)	
THDi	< 5% at full Load	
OUTPUT		
Voltage	110/115/120Vac	
Voltage Range	< 1%	
Frequency (Battery Mode)	50Hz or 60Hz +/- 0.1Hz	
Waveform	Pure Sinewave	
THD	< 4% (linear load), < 8% (non-linear load)	
Crest Ratio	3:1	
EFFICIENCY		
To AC Mode	> 89% at full load and battery full charged	
To Battery Mode	> 85% at full load and battery full charged	
To ECO Mode	> 95% at full load and battery full charged	
BATTERY		
Type	Maintenance free sealed lead-acid battery	
Voltage	36VDC	72VDC
Capacity & Number	12V/7AH*3pcs	12V/9AH*6pcs
Recharge Time	5Hrs to 90%	5Hrs to 90%
TRANSFER TIME		
Line Mode to Battery Mode	0ms	
Inverter to Bypass, ECO Mode	< 4ms	
ECO Mode to Inverter	< 10ms	
DISPLAY		
LCD Display	Input, Output, Load, Battery, Mode/Fault/Warning code, Inverter operating, Bypass operating, Output voltage and frequency and Bypass disable/enable selection information	
AUDIBLE ALARM		
Battery Mode	Beeps every 4 seconds	
Battery Low	Sounding every second	
Overload	Sounding twice every second	
UPS Fault	Continuously beeping	
COMMUNICATIONS		
Interface (Port)	USB Port	
Intelligent Slot	Yes, but SNMP card is optional	
EPO	Emergency Power Off	
ENVIRONMENT		
Operating Temperature	0°C - 40°C	
Humidity	20 - 90% (Non-condensing)	
Acoustic Noise	< 45dB at 1M	
PHYSICAL		
Dimension (D*W*H)	420*145*230mm	560*193*346mm

*Product specifications are subject to change without further notice.

POWER DISTRIBUTION UNIT (PDU) FOR PlusPRO 3 SERIES ON LINE UPS

A "Power Distribution Unit (PDU)" is a device fitted with multiple outputs designed to distribute electric power, especially to racks of computers and networking equipment located within a data center.

- › With PDU, it provides continuous power to connected equipments during maintenance via a simple rotary switch.
- › With PDU, users or engineers do not need to unplug all connected devices anymore when UPS is going with regular maintenance. When UPS comes back from regular maintenance, engineers can simply assemble PDU with UPS and do not need to make wire connection to city utility again. It efficiently saves cost and labor hours on UPS maintenance.
- › With PDU, On Line UPS system becomes hot-swappable.

PDU Quick Guide for Online UPS PlusPRO 3 Series Tower 3KVA

Make sure UPS is under Bypass mode for safety purpose. Then rotate maintenance bypass switch from "INV" to "MAINT".



Dismantle PDU socket module from UPS back panel.

Users do not need to remove loadings from PDU socket module during the whole process.



After PDU socket module is disassembled, UPS unit will be available to service center for repair. Individual PDU socket module will keep supplying AC power to loadings without interruption.

