

PlusPRO 2 Series: LV Rack 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
- > 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
- > DC start

MODEL	PlusPRO 2-1000		PlusPRO 2-3000	
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				
Rack Height	2U		4U	
Dimension (D*W*H)	480*440*90mm		480*440*180mm	

*Product specifications are subject to change without further notice.

POWER DISTRIBUTION UNIT (PDU) FOR PlusPRO 2 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 2 Series Rack 1KVA

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



Uninstall UPS unit from 19" Rack cabinet.

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



After UPS is uninstalled from 19" rack cabinet, UPS unit will be available to service center for repair. Individual PDU module stays on 19" rack cabinet will keep supplying AC power to loadings without interruption.



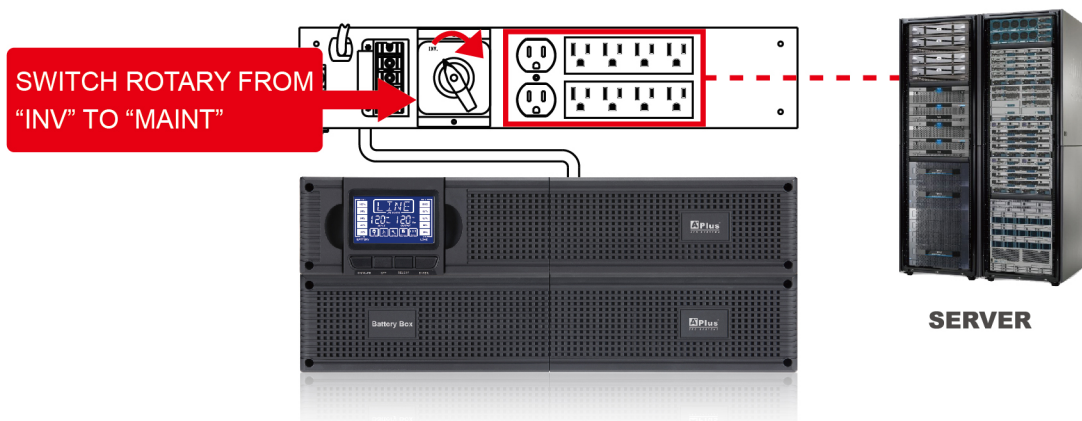
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PDU Quick Guide for Online UPS PlusPRO 2 Series Rack 3KVA

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