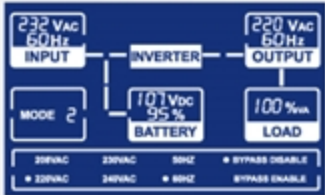


PlusIII HV Rack series 1-3KVA True Double Conversion 1P/1P



- > High performance true double conversion On Line UPS 1-3KVA
- > Intelligent Solt (SNMP) + USB multiple communications
- > Individual power distribution unit (PDU) maintenance bypass switch
- > External battery bank to extend back-up time (Optional for PlusIII-1KLRBE/PlusIII-3KLRBE)
- > 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	PlusIII-1KLRB		PlusIII-1KLRBE		PlusIII-3KLRB		PlusIII-3KLRBE	
CAPACITY	1KVA/0.9KW				3KVA/2.7KW			
INPUT								
Voltage	1 Phase 2 Wires with Ground 220/230/240Vac							
Voltage Range	110-300Vac							
Frequency	50Hz or 60Hz (Auto Sensing)							
THDi	< 5% at full Load							
OUTPUT								
Voltage	220/230/240Vac							
Voltage Range	+/- 2%							
Frequency (Battery Mode)	50Hz or 60Hz +/- 0.2Hz							
Waveform	Pure Sinewave							
THD	< 3%(linear load), < 5%(non-linear load)							
Crest Ratio	3:1							
EFFICIENCY								
To AC Mode	> 88%							
To Battery Mode	> 85%							
To ECO Mode	> 93%							
BATTERY								
Voltage	36VDC				96VDC			
Type	12V/7AH*3pcs		Extendable		12V/7AH*8pcs		Extendable	
Recharge Time	5Hrs to 90%		Depend on Capacity of External Battery		5Hrs to 90%		Depend on Capacity of External Battery	
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	Slot for SNMP or AS400 card (Optional)							
EPO	Emergency Power Off							
ENVIRONMENT								
Operating Temperature	0-45°C							
Humidity	20-90%, non-condensing							
Acoustic Noise	< 50dB 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.



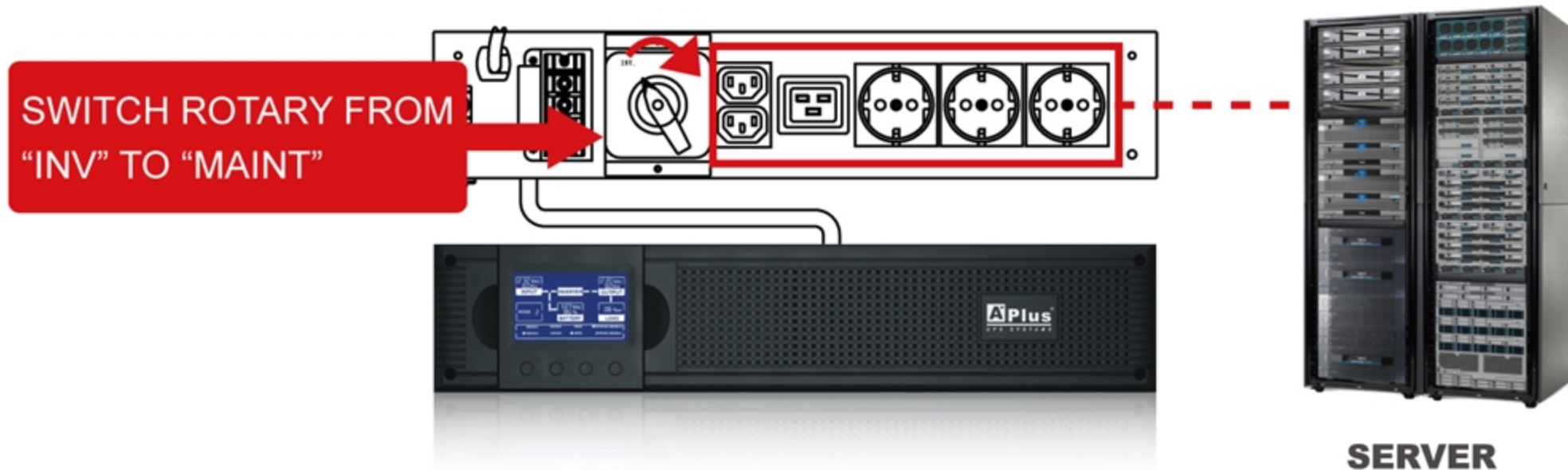
# POWER DISTRIBUTION UNIT (PDU) FOR PlusIII SERIES ON LINE UPS

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 1KVA Rack PlusIII-1KLB(E):

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.





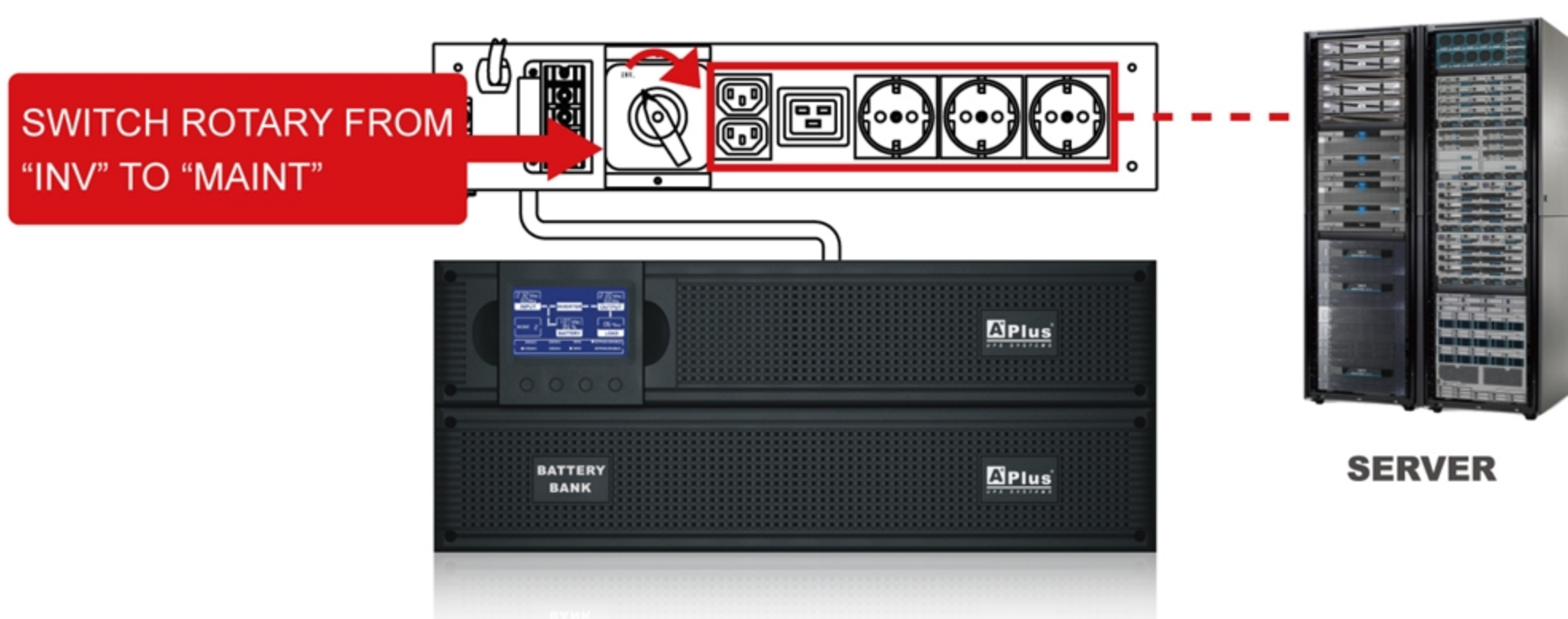
# POWER DISTRIBUTION UNIT (PDU) FOR PlusIII SERIES ON LINE UPS

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 3KVA Rack PlusIII-3KLB(E):

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.

