PlusIII HV Tower 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 (Optional for 3KVA)
- External battery bank to extend back-up time (Optional for PlusIII-1KLBE/PlusIII-3KLBE)
- 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-1KLB	PlusIII-1KLBE	PlusIII-3KLB	PlusIII-3KLBE
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℃			
Humidity	20-90%, non-condensing			
Acoustic Noise	< 50dB 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 PlusIII SERIES ON LINE UPS

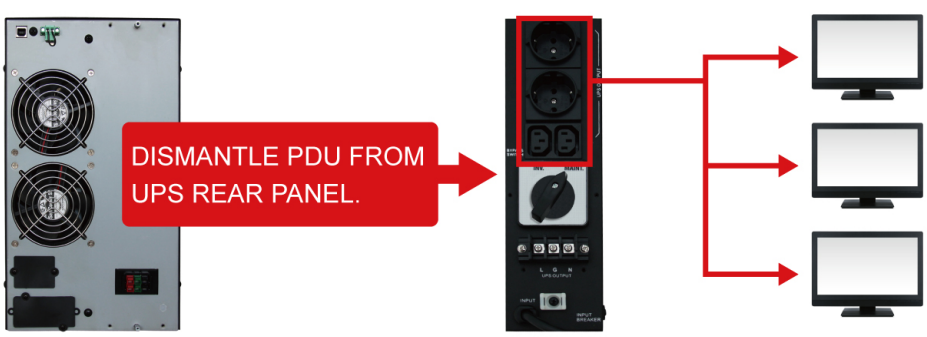
A "Power Distribution Unit (PDU)" is a device fitted with multiple outputs designed to distribute electric power, especially to racks of computers and networking equipment located within a data center.

- 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 Tower PlusIII-3KLB(E):

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.