

## PlusIII Series 6-20KVA (Rack or Tower Convertible)



- > High performance true double conversion On Line UPS
- > External battery bank (optional) to extend back-up time
- > N+X parallel redundancy and capacity expansion (Optional)
- > Individual power distribution unit (PDU) maintenance bypass switch (Optional for input / output:220V,230V,240V)
- > Microprocessor control guarantees high reliability
- > Low heat dissipation in long time operation
- > Input THDi < 5% / Output THD < 2%
- > Emergency power-off function (EPO)
- > High efficiency mode (ECO mode)
- > Fan speed control & DC start
- > Output voltage regulation < 1%
- > Isolation transformer (Optional)
- > Automatic self-testing function
- > Power management software
- > Output power factor 0.9
- > Maintenance bypass (Optional)

MODEL	PlusIII-6KLRB-12U		PlusIII-10KLRB-12U		PlusIII-20KLRB-19U	
CAPACITY	6KVA/5.4KW		10KVA/9KW		20KVA/18KW	
INPUT						
Phase	1 Phase 2 Wires + Ground					
Voltage	208/220/230/240Vac					
Frequency	50Hz or 60Hz (Auto Sensing)					
THDi	< 5% with R Full Load					
OUTPUT						
Phase	1 Phase 2 Wires + G or 1 Phase 3 Wires +G(With Isolation Transformer)					
Voltage	1 Phase 2 Wires +G: 208/220/230/240Vac or 1 Phase 3 Wires +G (With Isolation Transformer): 110/220Vac or 115/230Vac or 120/240Vac					
Voltage Regulation	+/- 1% (+/-2% with Isolation Transformer)					
Frequency (Battery Mode)	50Hz or 60Hz +/-0.05Hz					
Waveform	Pure Sinewave					
THD	< 2% (Linear Load) or <5% (Non-Linear Load)					
Crest Ratio	3:1					
EFFICIENCY						
To AC Mode	> 92% at Full Load and Battery Full Charged					
To Battery Mode	> 92% at Full Load and 12VDC/Battery					
ECO Mode	> 96% at Full Load and Battery Full Charged					
BATTERY						
Voltage	240VDC					
Type	12V/7AH*20pcs	Extendable	12V/9AH*20pcs	Extendable	12V/9AH*20pcs*2sets	Extendable
Recharge Time	7Hrs to 90%	Depend on Capacity of External Battery	8Hrs to 90%	Depend on Capacity of External Battery	8Hrs to 90%	Depend on Capacity of External Battery
TRANSFER TIME						
Line <-> Battery	0ms					
Inverter <-> Bypass	0ms					
ECO Mode <-> Inverter	< 10ms					
DISPLAY						
LED	Normal (Green), Bypass (Yellow), Fault (Red), Battery (Yellow)					
LCD	Load Level/Battery Voltage/Battery Mode/AC Mode/Bypass Mode Information					
AUDIBLE ALARM						
Battery Mode	Sounding Every 4 Seconds					
Low Battery	Sounding Every Second					
Overload	Sounding Twice Every Second					
UPS Fault	Continuously Sounding					
COMMUNICATIONS						
Interface(Port)	Dry Contact (Optional) ; USB					
Intelligent Slot	Slot for SNMP or AS400 card (Optional)					
EPO	Emergency Power Off					
ENVIRONMENT						
Temperature	0 - 40°C (32°F - 104°F)					
Humidity	0 - 95% non-condensing					
Acoustic Noise	< 50dB at 1M					
PHYSICAL						
Dimension (W*H*D)	440*528*630mm (12U)				440*528*836mm (19U)	

\*Product specifications are subject to change without further notice.