

PlusPRO 3 Series: Rack 20KVA True Double Conversion 1P/1P



- > High performance true double conversion online UPS 20KVA
- > N+X parallel redundancy and capacity expansion (Optional)
- > External battery bank to extend backup time (Optional)
- > Microprocessor control guarantees high reliability
- > Low heat dissipation in long time operation
- > Emergency power-off function (EPO)
- > Input THDi < 5% / Output THD < 2%
- > High efficiency mode (ECO mode)
- > Fan speed control and DC start
- > Output voltage regulation < 1%
- > Automatic self-testing function
- > Power management software
- > Maintenance bypass switch
- > Output power factor 0.9

MODEL	PlusPRO 3-20KT
CAPACITY	20KVA/18KW
INPUT	
Phase	1 Phase 2 Wires with Ground
Voltage	220/230/240Vac
Frequency	50Hz or 60Hz (Auto-Sensing)
THDi	< 5% with R Full Load
OUTPUT	
Phase	1 Phase 2 Wires with Ground
Voltage	220/230/240Vac
Voltage Regulation	+/- 1%
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	
Type	Maintenance free sealed lead-acid battery
Voltage	240VDC
Capacity & Number	12V9AH*20pcs*2sets
Recharge Time	7 hours to 90%
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
Fault	Continuous sounding
COMMUNICATIONS	
Interface (Port)	USB Port (Dry Contact is optional)
Intelligent Slot	Yes, but SNMP card is optional
EPO	Emergency Power Off
ENVIRONMENT	
Operating Temperature	0°C - 40°C (32°F - 104°F)
Humidity	0 - 95% (Non-condensing)
Acoustic Noise	< 50dB at 1M
PHYSICAL	
Rack Height	19U
Dimension (D*W*H)	670*440*840mm (H=900mm wheels included)

*Product specifications are subject to change without further notice.