

PlusPRO 5 Series: Rack/Tower ISO 6-10KVA True Double Conversion 1P/1P



- > Isolation transformer in split rack box with maintenance bypass switch
- > High performance true double conversion online UPS 6-10KVA
- > 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
- > Input THDi < 5% / Output THD < 2%
- > Emergency power-off function (EPO)
- > High efficiency mode (ECO mode)
- > Fan speed control and DC start
- > Output voltage regulation +/-2%
- > Automatic self-testing function
- > Power management software
- > Output power factor 0.9

MODEL	PlusPRO 5-6K-ISO	PlusPRO 5-10K-ISO
CAPACITY	6KVA/5.4KW	10KVA/9KW
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 3 Wires with Ground	
Voltage	220/110Vac, 230/115Vac, or 240/120Vac (set via control panel)	
Voltage Regulation	+/-2%	
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	12V/7AH*20pcs	12V/9AH*20pcs
Recharge Time	7 hours to 90%	8 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		
Format of Main UPS	Tower/Rack: 3U	
Main UPS (D*W*H)	610*440*135mm	
Format of Isolation Box	Tower/Rack: 3U	
Isolation Box (D*W*H)	610*440*135mm	
Format of Battery Box	Tower/Rack: 3U	
Battery Box (D*W*H)	610*440*135mm	

*Product specifications are subject to change without further notice.