

PlusPRO 2 Series: ISO Rack/Tower 6-10KVA True Double Conversion 1P/1P



- > High performance true double conversion online UPS 6-10KVA
- > Microprocessor control guarantees high reliability
- > External battery bank to extend backup time (Optional)
- > Isolation transformer in split rack box with maintenance bypass switch
- > 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 2-6K-ISO		PlusPRO 2-10K-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				
Rack Height of Main UPS	3U			
Main UPS (D*W*H)	610*440*135mm			
Rack Height of Isolation Box	3U			
Isolation Box (D*W*H)	610*440*135mm			
Rack Height of Battery Box	3U			
Battery Box (D*W*H)	610*440*135mm			

*Product specifications are subject to change without further notice.