

# PlusPRO 1 Series: Tower 1-3KVA True Double Conversion 1P/1P



- > High performance true double conversion On Line UPS 1000VA to 3000VA
- > Microprocessor control guarantees high reliability
- > Low heat dissipation in long time operation
- > RS-232 port multiple communications
- > High efficiency mode (ECO mode)
- > Output voltage regulation +/- 2%
- > Automatic self-testing function
- > Power management software
- > Output power factor 0.9
- > Wide input range
- > Fan speed control
- > DC start

MODEL	PlusPRO 1-1000	PlusPRO 1-2000	PlusPRO 1-3000
CAPACITY	1KVA/0.9KW	2KVA/1.8KW	3KVA/2.7KW
<b>INPUT</b>			
Voltage	1 Phase 2 Wires with Ground 220/230/240Vac		
Voltage Range	100Vac - 300Vac		
Frequency	50Hz or 60Hz (Auto-sensing)		
THDi	< 5% at full load		
<b>OUTPUT</b>			
Voltage	220/230/240Vac		
Voltage Regulation	+/- 2%		
Frequency (Battery Mode)	50Hz or 60Hz +/- 0.05Hz		
Waveform	Pure Sinewave		
THD	< 1% (linear load), < 5% (non-linear load)		
Crest Ratio	3:1		
<b>EFFICIENCY</b>			
Inverter Mode	> 88%	> 90%	
ECO Mode	> 97%		
<b>BATTERY</b>			
Type	Maintenance free sealed lead-acid battery		
Voltage	24VDC	48VDC	72VDC
Capacity & Number	12V/9AH*2pcs	12V/9AH*4pcs	12V/9AH*6pcs
Recharge Time	4 hours to 90%		
<b>TRANSFER TIME</b>			
Battery Mode to Inverter Mode	0ms		
Inverter to Bypass	4ms		
<b>DISPLAY</b>			
LCD Display	Input, Output, Load, Battery, Mode/Fault/Warning code, Inverter operating, Bypass operating, Output voltage and frequency and Bypass disable/enable selection information		
<b>AUDIBLE ALARM</b>			
Battery Mode	Beeps every 4 seconds		
Battery Low	Sounding every second		
Overload	Sounding twice every second		
Fault	Beeping continuously		
<b>COMMUNICATIONS</b>			
Interface (Port)	RS-232 port		
<b>ENVIRONMENT</b>			
Operating Temperature	0°C - 40°C		
Humidity	< 95% (Non-condensing)		
Acoustic Noise	< 40dB at 1M		< 50dB at 1M
<b>PHYSICAL</b>			
Dimension (D*W*H)	355*145*220mm	405*195*330mm	

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