

Power

Pinnacle Plus Series

Online Double Conversion UPS
Tower Version: 8,000 and 10,000VA



- True Online Technology provides total power protection
- Pure sine wave output with less than 3% THD
- Advanced Battery Management (ABM)
- Automatic System Diagnostics
- Emergency Power Off function (EPO)
- Extended Backup Times up to 8 hours at full load

The Alpha Pinnacle Plus Series provides safe, clean and reliable power protection for computer, telecom and other mission critical equipment. The state of the art DSP (Digital Signal Processing) technology of the Pinnacle Plus Series provides pure sine wave and zero transfer time back-up power. Both RS-232 and USB ports are available to provide two-way communication to local workstations, servers and with the optional network SNMP interface card full network communications are available.

Additional features include: Programmable Load Segmentation making it possible to save battery power for the most critical equipment, fax and modem surge protection, high efficiency mode, multiple language LCD display and (DC Power on) cold start. Advanced battery management, system diagnostics and user "hot swap" battery replacement capability ensures continuous power availability.

Pinnacle Plus Series

Technical Specifications

Tower	PIN+ 8000	PIN+10000
Input		
Capacity (VA):	8000	10000
Capacity (W):	5600	7000
Voltage (V):	208/220/230/240	208/220/230/240
Voltage Range (V):	160 to 276	160 to 276
Frequency (Hz):	50/60Hz Auto Sensing	50/60Hz Auto Sensing
Battery		
DC Voltage:	240V	240V
Internal Batteries (12V):	20 x 7Ah	40 x 9Ah
Typical Recharge Time (90%):	4 h	4 h
Cold Start (DC Start):	Yes	Yes
Runtime at 100% load	6min	14min
Physical		
Input Inlet:	Hardwire	Hardwire
Receptacles:	Hardwire	Hardwire
Total Receptacles:	Hardwire	Hardwire
Tower Dimensions:		
WxDxH (mm):	257W x 690D x 700H	342W x 740D x 863H
Weight (kg):	112	190
Environment		
Operating Temperature:	0 to 40°C	0 to 40°C
Storage Temperature:	-20 to 50°C	-20 to 50°C
Altitude:	3.500m max.	3.500m max.
Audible noise (1m):	<40dBA	<40dBA
Relative Humidity:	0 to 95 %, non condensing	0 to 95 %, non condensing
Display		
LCD:	Input/Output Voltage, I/O Frequency, On Line Mode, Back-Up Mode, Battery Capacity, Output Load Level, Alarm Status	

General Specifications

Output

Voltage (V):	208/220/230/240 adjustable
Frequency (Hz):	50/60Hz ±0.5
Transfer Time (ms):	0
High Efficiency Mode:	>95%
UPS Technology:	On-Line (IEC 62040-3: VFI-SS-111)/Microprocessor controlled
Overload Recovery:	Auto Transfer to UPS
Wave Form:	Sine Wave
Harmonic Distortion:	<3% of T.H.D with linear load
Crest Factor:	3:1

Battery

Type:	Sealed, maintenance free lead acid batteries
Management:	Self-test, adjustable battery transfer points and alarm settings
Battery Protection:	Deep discharge protection

Interface

RS-232 Serial Port and USB (optional SNMP network adaptor card)

Protection

Surge:	Meets EN 61000-4-5 level 3
Overload:	Auto shut down if overload exceeds 125% for 1min and 150% for 10 sec
Short Circuit:	UPS output cut off immediately or input fuse/circuit breaker protection

System

Audible Alarm:	
Battery Back-Up:	Beep every 5sec
Battery Low:	Two Beeps every 5sec
UPS Fault:	Continuous beeping sound and LCD Display

Certification

Safety:	EN 50091-1, EN 60950
EMC:	EN 50091-2, EN 50022/B, CISPR 22

Warranty

24 Months

For contact information visit www.AGIPower.com or www.MyAlphaUPS.com

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