

Power

Pinnacle Plus Series

On-Line Double Conversion UPS
Tower/19" Rackmount Version: 700-6000 VA



- True On-Line Technology provides total power protection
- Pure sine wave output with less than 3% THD
- Advanced Battery Management (ABM)
- Automatic System Diagnostics
- Programmable Load Segmentation (PLS)
- 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+700 PIN+700RM	PIN+1000 PIN+1000RM	PIN+1500 PIN+1500RM	PIN+2000 PIN+2000RM	PIN+3000 PIN+3000RM	PIN+6000 PIN+6000RM
Input						
Capacity (VA):	700	1000	1500	2000	3000	6000
Capacity (W):	490	700	1050	1400	2100	4200
Voltage (V):	208/220/230/240	208/220/230/240	208/220/230/240	208/220/230/240	208/220/230/240	208/220/230/240
Voltage Range (V):	160 – 276	160 – 276	160 – 276	160 – 276	160 – 276	160 – 276
Frequency (Hz):	50/60 Hz Auto Sensing	50/60 Hz Auto Sensing	50/60 Hz Auto Sensing	50/60 Hz Auto Sensing	50/60 Hz Auto Sensing	50/60 Hz Auto Sensing
Battery						
DC Voltage:	24 V	36V	36V	72V	72V	240V
Internal Batteries (12V):	2 x 7 Ah	3 x 7 Ah	3 x 9 Ah	6 x 7 Ah	6 x 9 Ah	
Typical Recharge Time (90%):	4 h	4 h	4 h	4 h	4 h	4 h
Cold Start (DC Start):	Yes	Yes	Yes	Yes	Yes	Yes
Runtime at 100% Load:	7 Min	7 Min	6 Min	7 Min	6 Min	7 Min
Physical						
Input Inlet:	IEC 320	IEC 320	IEC 320	IEC 320	IEC 320	Hardwire
Receptacles:	IEC 320	IEC 320	IEC 320	IEC 320	IEC 320	Hardwire
Total Receptacles:	4	4	4	8	8	Hardwire
Tower Dimensions						
WxDxH (mm):	152 x 420 x 240	152 x 420 x 240	152 x 420 x 240	225 x 425 x 360	225 x 425 x 360	257 x 585 x 570
Weight (kg):	13.5	16.2	17.0	31.1	33.0	86
Rackmount Dimensions						
WxDxH (mm):	428 x 425 x 84	428 x 425 x 84	428 x 425 x 84	428 x 635 x 84	428 x 635 x 84	428 x 597 x 252
Weight (kg):	15.5	17.1	18.1	31.6	32.5	86
Environment						
Operating Temperature:	0 – 40°C	0 – 40°C	0 – 40°C	0 – 40°C	0 – 40°C	0 – 40°C
Storage Temperature:	-20 – 50°C	-20 – 50°C	-20 – 50°C	-20 – 50°C	-20 – 50°C	-20 – 50°C
Altitude:	3.500 m max.	3.500 m max.	3.500 m max.	3.500 m max.	3.500 m max.	3.500 m max.
Audible noise (1m):	<40 dBA	<40 dBA	<40 dBA	<40 dBA	<40 dBA	<40 dBA
Relative Humidity:	0 – 95 %, not condensing	0 – 95 %, not condensing	0 – 95 %, not condensing	0 – 95 %, not condensing	0 – 95 %, not condensing	0 – 95 %, not 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):	50/60 Hz +/- 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 1 Min. and 150% for 10 s
Short Circuit:	UPS output cut off immediately or input fuse/circuit breaker protection
System	
Audible Alarm:	
Battery Back-Up:	Beep every 5 s
Battery Low:	Two Beeps every 5 s
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



Pinnacle Plus Rackmount

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

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