

Built to Protect:

- ▶ Midrange computers
- ▶ Critical servers
- ▶ Computer room applications
- ▶ Internetworking equipment
- ▶ Telecommunications
- ▶ Generator site applications
- ▶ ISP applications

Axxium™ Pro

3kVA to 18kVA. Reliable on-line, high-frequency multi-conversion power protection that's scalable for midrange IT applications.



LEFT: Axxium Pro Family of on-line uninterruptible power systems.

RIGHT: Axxium Pro 3 and 6 slot enclosures are adaptable for rackmount use.



Cost Effective Solution

Axxium Pro is the most cost effective 3 to 18kVA modular UPS solution in the industry! It features the industries lowest initial purchase price and highest combined operating efficiency (from normal and high efficiency operating modes).

Advanced Power Integrity

Axxium Pro protects against spikes, sags, surges, noise, lightning, and power outages, with revolutionary technology (*10 patents pending*) exclusive to Axxium Pro.

Worldwide Design

Worldwide voltage and frequency combinations provide protection in 3kVA blocks up to 18kVA, in a choice of 3-Slot, 6-Slot, 9-Slot and 12-Slot enclosures.

Multi-Conversion

Axxium Pro is a high-frequency, transformerless UPS with standard on-line operational modes of on-battery, double-conversion, and fault bypass, as well as a *high-efficiency/power-saver mode*, which offers additional savings.

Scalable

Axxium Pro adapts to changing IT environments by being scalable. Similar to disc storage hardware, Axxium Pro's built-in expansion slots accommodate additional power and battery modules.

Configurable

To tailor your power protection to fit your unique application, Axxium Pro offers many internal and external options. Internal options include Galvanic Isolation, Line Cord, and Receptacles. External options include Rackmount Kit, Casters (standard on 9- & 12-slot), Extended Runtime Battery Cabinets/up to 8 hours, Wall-mounted Maintenance Bypass Cabinets, and Seismic Zone 4 Anchoring Kits.

Modular Design

Like network hubs, Axxium Pro's modular *N+X power and logic redundancy* gives it the highest level of reliability now and down the road, reducing the chance of single-point failure.

Serviceable

Comparable to server hard drives, Axxium Pro's hot-swappable power and battery modules are easy to remove, repair or replace (*both modules weigh less than 30lbs each*) if necessary. The menu-driven LCD display provides additional servicing diagnostics.

Communications

Axxium Pro features two BestDock™ Communication Slots, which accept a variety of connectivity option cards for power management, including a BestLink™ SNMP/WEB Adapter.

Warranty

Two-year limited warranty against factory or workmanship defects; plus our "Double Lifetime" limited warranty to factory-repair UPS damage from lightning strikes, and covers up to US\$25,000 for damage to connected equipment resulting from a spike or surge.

Specifications

Models		0650					
Capacity (VA/Watts)		3.0/2.1	6.0/4.2	9.0/6.3	12.0/8.4	15.0/10.5	18.0/12.6
Dimensions (H x W x D)		17.8 x 17 x 25.4 in.					
3-Slot Cabinet		453 x 432 x 645 mm					
6-Slot Cabinet		31.5 x 17 x 25.4 inches / 800 x 432 x 645 mm					
9-Slot Cabinet		47 x 24 x 28.4 inches / 1194 x 610 x 724 mm					
12-Slot Cabinet		60.7 x 24 x 28.4 inches / 1542 x 610 x 724 mm					
Input Connection		Hardwired input standard (Optional input cords available)		Hardwired			
Output Connection		Hardwired output standard (Optional internal output distribution available)					
Typical Runtime: full/half Load		8-10/20-25 minutes typical (Optional internal and external runtime available)					
Battery Type		Hot-swappable, sealed, maintenance-free lead acid batteries with 3-5 year typical lifetime					
Operation							
Nominal Input Voltage		208-240 VAC or 200/100, 208/120, 220/127, 220/110, 240/120					
Input Voltage Range		176-276 VAC					
Input Power Factor		>0.98					
Input Current THD		<10% at 100% load					
Operating Frequency		50/60Hz (±3Hz)					
Nominal Output Voltage		208-240 or 200/100, 208/120, 220/127, 220/110, 240/120					
Output Voltage Regulation		±3% of nominal					
Output Voltage Waveform		Sine wave					
Output Voltage THD		<3% THD (linear loads)					
Overload Capacity		150% for 10 seconds, 300% for 12 cycles					
Recharge Time		<4 hours standard					
Lightning & Surge Protection		ANSI/IEEE C62.41 (1991); ANSI/IEEE C62.45 (1987) Category B. Meets IEC 61000-4-5					
Efficiency (High Efficient Mode)		>88% (97%)					
Safety Certification		UL, CSA (cUL), TUV, CE					
EMC Emissions		FCC and CSPPR 22 class A					
EMC Immunities		EN/IEC 61000-4-2, -3, -4, -5, and -2-2					
Other Standards		ISO9000 and Year 2000 compliant					
Communication							
LCD Display		Programmable 4 x 20 character backlit LCD, multiple languages (English, French, Spanish, German)					
Communication Slots		2 BestDock™ Slots					
Communication Port		RS-232 serial port (DB-9) plus contact closures					
SNMP Capability		Yes					
Contact Closure		Yes					
Emergency Power Off (EPO) Capability		Input for external EPO closure					
Environmental							
Operating Temperature		0 to 40° C, 32 to 104° F (derate 1° C per 300m above 1525m)					
Storage Temperature		-20 to 40° C (60° C without batteries), -4 to 104° F (140° F without batteries)					
Relative Humidity		5 - 95% non-condensing					
Audible Noise at One Meter		<50 dBA					
Altitude		3,050m (10,000 ft.) above sea level					

Axxium™ Pro runtimes with hot-swappable battery modules (per string at .7PF full / half load in minutes)

Load (VA)	Number of Strings (2 battery modules per string)															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
3kVA	8/24	24/59	43/95	58/140	—	—	—	—	—	—	—	—	—	—	—	—
6kVA	—	8/24	16/40	24/59	32/83	40/103	49/114	58/140	—	—	—	—	—	—	—	—
9kVA	—	—	8/24	13/35	18/46	24/59	29/63	35/86	40/103	46/115	54/125	58/140	—	—	—	—
12kVA	—	—	—	8/24	13/33	16/40	19.5/43.5	24/59	29/70	33/80	36/90	41/100	47/110	52/121	56/130	58/140
15kVA	—	—	—	—	8/24	11.5/31	14.5/31.5	18/46	20.5/51	24/58	28/66	31/73	34/83	38/94	41.5/103	44.5/113
18kVA	—	—	—	—	—	8/24	11/31.5	13/36	15.5/41	18/45	20.5/51	24/58	27/65	31.5/72	34.5/77	36/83

Call factory for additional extended runtimes, up to 25 strings.
All specifications subject to change without notice.

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