

NEW!

Axxium[™] Rackmount

UNINTERRUPTIBLE POWER SYSTEMS

1000VA TO 3kVA

Reliable on-line, high frequency double-conversion power protection with optional external batteries, for mission-critical applications.

120V

Built to Protect:

- > Internetworking Equipment (Hubs, Routers, Servers)
- > Telecommunications/PBX
- > Midrange Computer Systems
- > Central Data Processing
- > Manufacturing Process Control
- > Security Systems
- > Generator Site Applications
- > Equipment in Harsh Power Environments

Advanced Power Integrity and Management

Axxium Rackmount protects mission-critical applications from spikes, sags, surges, noise, lightning and power outages.

On-Line, High-Frequency Technology

Double-conversion design delivers true, NO-BREAK sine-wave power from the inverter to connected equipment. Built-In Automatic Bypass Circuit insures mission-critical loads are not dropped during overload or UPS failure conditions.

Extended Runtime in Space-Saving 2U Design

Axxium's 2U height conserves valuable rackmount space, while auxiliary 2U external battery packs are available for additional run-time requirements.

Wall-Mounting Brackets and Hardware

For sites with limited space, wall mounting provides an attractive, low-cost alternative to rackmounting.

Input Power Factor Correction

An input power factor correction circuit prevents harmful harmonics from affecting other connected loads within a building.

Temperature-Compensated Battery Charger

Axxium Rackmount's charger extends battery life by monitoring and charging batteries as recommended by battery manufacturers.

User-Adjustable Input Frequency Range Settings

From the front panel, Axxium Rackmount allows users to select allowable input frequency range settings, based on requirements of connected equipment.

BestDock[™] Communication Slot

Enables a variety of connectivity options, including the BestLink[™] SNMP/Web Adapter, which provides both SNMP or HTTP compatibility between the UPS and an Ethernet LAN/WAN, allowing for easy monitoring, management, and graceful shutdown of remote servers, routers and hubs.

Other Standard Features

1. Tested to UL 1449 electrical requirements
2. Built-in Transient Voltage Surge Suppression
3. Hot-swappable batteries
4. Easy-to-read LEDs and audible alarms
5. Free CheckUPS[®] II Suite power management software
6. Permanently attached input power cords
7. User selectable output voltages
8. Standard two-year and "Double Lifetime" warranties*

* U.S. and Canada Only.



CheckUPS[®] II software and cable provided for a complete power management solution.

**Best
Power**
UNINTERRUPTIBLE
POWER SYSTEMS

**Your System's Not
Complete Without One.[™]**

AxxiumTM Rackmount

UNINTERRUPTIBLE POWER SYSTEMS

120V Specifications



Models	1kVA	1.5kVA	2kVA*	3kVA*
Part Number	0620-1000RU	0620-1500RU	0620-2000RU	0620-3000RU
Capacity (VA/Watts)	1000/700	1500/1050	2000/1400	3000/2100
Dimensions (inches)	3.35 x 19.0 x 19.3			
H x W x D (mm)	85 x 483 x 490			
Weight (lbs)	41	48	28	29
Weight (kg)	18.5	21.6	12.7	13.2
Input Connection	NEMA 5-15P		NEMA 5-20P	NEMA L5-30P
Output Receptacle Quantity & Type	(6) NEMA 5-15R		(4) NEMA 5-15R (2) NEMA 5-20R	(4) NEMA 5-15R (1) NEMA L5-30R
Typical Runtime: (Full Load)	9	8	14**	7**
(minutes) (Half Load)	24	23	39	24
Operation				
Nominal Input Voltage	120VAC			
Input Voltage Range (for on-line operation)	80-138VAC			
Operating Frequency (on line)	50/60Hz ±5% autosensing (±2% and ±7% user adjustable)			
Nominal Output Voltage	100/110/120/127VAC Dip Switch Selectable			
Output Voltage Regulation (on line)	±3% of nominal			
Overload Capacity	Up to 110% for 10 seconds then transfer to inverter			
Transfer Time	0 ms			
On-Battery Voltage	120VAC ±3% selected nominal voltage			
Operating Frequency	Phase locked to input under normal conditions, ±0.5% on battery			
Output Voltage Waveform	Sine wave			
Output Protection	Electronic overload and short circuit protector			
Input Protection	Fuse or circuit breaker			
Recharge Time (to 90%)	8 hours			
Lightning & Surge Protection	IEC 801-2, 801-3, 801-4, 801-5			
Efficiency	>87% on-line (full load, fully charged > load 50%)			
Safety Certification	UL1778			
EMI Compliance	FCC Class A			
Communications	BestDock™ slot, DB9 male with RS-232 serial communications and contact closure			
Testing Standards	IEEE/ANSI C62.45 (1991)			
Indicators	Load levels (on AC), Battery discharge level (on battery), Fault indicator & LED mimic panel indicators			
Audible Alarms	Battery discharge, Low battery, Overload, UPS fault			
Environmental				
Operating Temperature	0 to 40° C			
Storage Temperature	-15 to 50° C (5 to 122° F)			
Relative Humidity	0-95% non-condensing			
Audible Noise at One Meter	<50 dBA			
Altitude	3000m (10,000 ft.) without derating			

Axxium Rackmount Runtimes for Typical Applications in Minutes

Load (VA)	175	250	350	375	500	525	700	750	1000	1075	1500	2000	2250	2500	3000
1000	67	47	34	31	24	22	15	13	9	--	--	--	--	--	--
1500	101	71	50	47	35	34	25	24	15	13	8	--	--	--	--
2000**	226	172	129	120	90	86	64	60	39	37	24	14	--	--	--
3000**	226	172	129	120	90	86	64	60	39	37	24	14	12	10	7

* 1kVA and 1.5kVA available in June. 2kVA and 3kVA will be available in July.

** 2kVA and 3kVA runtimes with one external battery cabinet.



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