Fortress®

UNINTERRUPTIBLE POWER SYSTEMS

750VA TO 3kVA
Pure, sine-wave power protection for network computing

120V

Built to Protect:

- Network Stations
- UNIX Workstations
- CAD/CAM/CAE Workstations
- Departmental Servers
- Desktop Servers
- Small Business Servers
- PCs

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

Advanced Power Integrity And Management
Fortress protects server and network applications from spikes, sags, surges, noise and lightning.

NEW BestDock™ Communications Slot
Intelligent communications slot gives you a variety of connectivity options, including PC interface via the Internet.

NEW Built-In Transient Voltage Surge Suppression
New Fortress surge suppression feature safeguards phone line or network connections.

NEW User-Programmable Buck And Boost Settings
New Fortress allows you to customize maximum and minimum voltage settings as well as nominal voltages to your application's specific requirements.

NEW Enhanced Recharge Response
Faster Fortress recharge time helps ensure that your equipment has continuous power.

PowerSteady™ Voltage Regulation
Best Power-exclusive voltage regulation allows you to ride out under- and overvoltages without draining the battery.

Smooth Sine-Wave Output
Fortress delivers smooth, sine-wave output, which is ideal for mission-critical equipment that requires pure, continuous power.

Tested To Meet UL 1449 Standards
Fortress is tested to meet UL 1449 standards for protection from surges and hazardous ground leakage currents.

Hot-Swappable Batteries
User-friendly battery replacement means reduced maintenance and service costs.

Easy-To-Read LEDs And Audible Alarms
Fortress power status features keep you well-informed.

Comprehensive Warranty
Fortress is covered by our two-year limited warranty against factory workmanship defects. We up the ante with our "Double Lifetime" limited warranty* that factory-repairs UPS damage from lightning strikes, and pays up to US$25,000 for damage to connected equipment resulting from a spike or surge.

*U.S. and Canada only.

Best Power™
UNINTERRUPTIBLE POWER SYSTEMS

BEST POWER NEVER STOPS

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UNINTERRUPTIBLE POWER SYSTEMS

120V Specifications

Models		750VA	1050VA	1425VA	2250VA	1.7kVA	3kVA	3kVA
Part Number		0520-0750-U	0520-1050-U	0520-1425-U	0520-2250-U	LI1.7KX	LI3K	LI3KX
Capacity (VA/Watts)		750/450	1050/670	1425/950	2250/1600	1700/1275	3000/2250	
Dimensions	(inches)	7 x 5.5 x 14.4	9 x 6.8 x 17.9		13.25 x 7.7 x 20.2	17.25 x 8 x 20	17.25 x 8 x 23.25	
H x W x D	(mm)	178 x 140 x 365	227 x 172 x 454		336 x 194 x 511	440 x 205 x 510	440 x 205 x 590	
Weight	(lbs)	31	44	50	81	122	155	185
	(kg)	14	20	23	37	55.3	70.3	83.9
Input Connection		NEMA 5-15P			NEMA L5-30P	(see below)*		
Output Receptacle Quantity & Type		(4) NEMA 5-15R	(6) NEMA 5-15R		(6) NEMA 5-15R, (1) NEMA L5-30R	(see below)*		
Typical Runtime:	(Full Load)	6	6	5	5	25*	12	22
(minutes)	(Half Load)	19	19	17	16	65**	33	50
Operation								
Nominal Input Voltage		120 VAC Single-Phase (110 and 128 volts options, user-selectable)				120 VAC		
Input Voltage Range (for on-line operation)		96 to 146 VAC nominal (up to 90 to 156 VAC, user-selectable)				92 to 136 VAC nominal		
Operating Frequency (on line)		50/60 Hz ±5 Hz, autosensing						
Nominal Output Voltage		120VAC single phase (110 and 128 volt options, user-selectable)				120VAC single phase		
Output Voltage Regulation (on line)		± 10% of nominal (at factory default setting)						
Overload Capacity		110% ±8%						
Transfer Time		Within CBMA limits, undetected by modern computer loads						
On-Battery Voltage		120 VAC +/- 7%				120 to 127 VAC		
Operating Frequency		50/60 Hz ±0.5 Hz, autosensing						
Output Voltage Waveform		Sine wave						
Output Protection		Automatic current and overvolt protection						
Input Protection		Circuit breaker				Fuse		
Recharge Time (with half load)		3 hours to 95%				7 to 12 hours to 85%		
Lightning & Surge Protection		Tested to ANSI/IEEE C62.41 categories A & B						
Efficiency		>95% on line						
Safety Certification		UL1778, cUL; tested to UL 1449				UL1778, cUL		
EMI Compliance		FCC Class B	FCC Class A					
Communications		BestDock™ slot. DB9 male with RS-232 communications and contact closure.				RS-232 serial port DB-9		
Testing Standards		ANSI/IEEE C62.41 (1991), National Bureau Of Standards FIPS-PUB-94; IEC 801-2, 001/3, 801-4, 801-5						
Indicators		Buck/Boost status, Battery status, Load level, Battery discharge level, Alarms (shutdown, battery test fail)						
Audible Alarms		Battery discharge, Low battery, Overload, Battery replacement needed, UPS fault						
Environmental								
Operating Temperature		-15 to 50° C (5 to 122° F)				0 to 40° C (32 to 104° F)		
Storage Temperature		-15° to 50° C (5 to 122° F)						
Relative Humidity		0-95%, non-condensing						
Audible Noise at One Meter		<45 dbA at 1 meter (<50 dbA for 2250 VA unit)				38-44 dB depending on model		
Altitude		3,000m (10,000 ft.) without derating						

All specifications subject to change without notice.

*LI1.7KX models runtimes based on one battery pack.

**LI3KL, LI3KLX have (4) NEMA 5-15R; (2) NEMA 5-20R. LI3KQ, LI3KQX have (4) NEMA 5-15R; (2) CSA NEMA 5-20R. Output receptacle and input plug are hardwired for LI3KR and LI3KRX.

Fortress Runtimes for Typical* Applications in Minutes

Load (VA)	50	100	200	300	400	500	600	750	900	1050	1250	1425	1600	1750	2200	2500	2700	3000
2250VA	200	121	76	54	41	34	29	23	19	17	14	10	8.5	7	5	--	--	--
1425VA	180	113	62	43	33	26	21	16	13	10	8	5	--	--	--	--	--	--
1050VA	120	72	45	34	25	20	16	11	8	6	--	--	--	--	--	--	--	--
750VA	80	52	30	24	17	12	9	6	--	--	--	--	--	--	--	--	--	--

NEW! Tower Fortress
750VA to 2250VA

Tower Fortress
1.7kVA & 3kVA

NEW! Rackmount Fortress
750VA to 2250 VA

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