Fortress®

UNINTERRUPTIBLE POWER SYSTEMS

750VA TO 2250VA
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, lightning, and power outages.

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 Electrical Requirements
Fortress is tested to meet UL 1449 electrical requirements 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™
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Your System's Not Complete Without One.™

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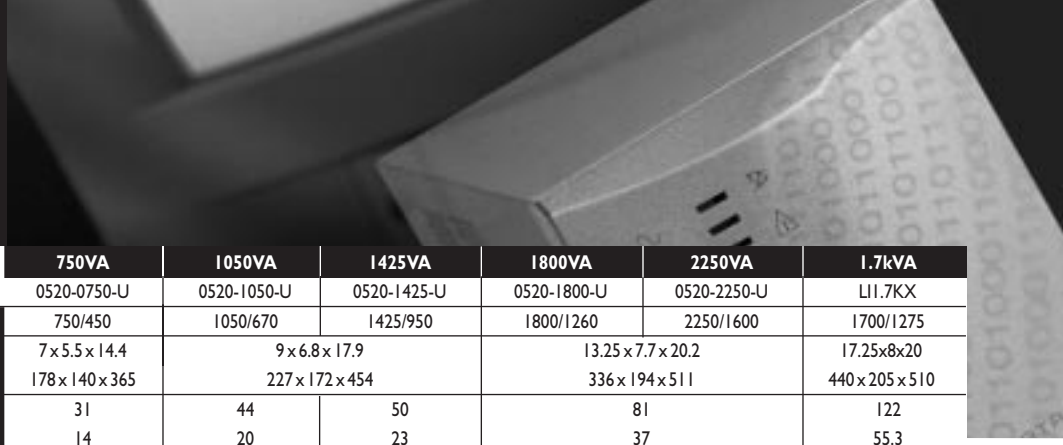
120V Specifications



Models	750VA	1050VA	1425VA	1800VA	2250VA	1.7kVA
Part Number	0520-0750-U	0520-1050-U	0520-1425-U	0520-1800-U	0520-2250-U	LI1.7KX
Capacity (VA/Watts)	750/450	1050/670	1425/950	1800/1260	2250/1600	1700/1275
Dimensions (inches)	7 x 5.5 x 14.4	9 x 6.8 x 17.9		13.25 x 7.7 x 20.2		17.25x8x20
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
Weight (lbs)	31	44	50	81		122
(kg)	14	20	23	37		55.3
Input Connection	NEMA 5-15P			NEMA 5-20P	NEMA L5-30P	(see below)*
Output Receptacle Quantity & Type	(4)NEMA 5-15R	(6) NEMA 5-15R		(4) NEMA 5-15R, (2)NEMA 5-20R	(2)NEMA 5-15R, (2) NEMA 5-20R (1)NEMA L5-30R	(see below)*
Typical Runtime: (Full Load)	8	8	8	8.5	5	13
(minutes) (Half Load)	20	22	22	24	17	40
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 the electrical requirements of UL 1449					UL1778, cUL
EMI Compliance	FCC Class B	FCC Class A				
Communications	BestDock™ slot**					RS-232 serial port DB-9**
Testing Standards	ANSI/IEEE C62.41 (1991), National Bureau Of Standards FIPS-PUB-94; IEC 801-2, 801/3, 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	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 1800VA and 2250 VA units)					38-44 dB depending on model
Altitude	3,000m (10,000 ft.) without derating					

All specifications subject to change without notice.

LI1.7KFX has (4) NEMA 5-15R; (2) NEMA 5-20R. LI1.7KGX has (4) NEMA 5-15R; (2) CSA NEMA 5-20R.

*LI1.7KX models runtimes based on one battery pack. **DB9 female for RS-232 communications and contact closure.

Fortress Runtimes for Typical Applications in Minutes

Load (VA)	50	100	200	300	400	500	600	750	900	1050	1250	1425	1600	1750	2200
0520-2250-U	330	150	95	68	51	41	34	28	24	19	16	13	10.5	9	5
0520-1800-U	330	150	95	68	51	41	34	28	24	19	16	13	10.5	9	--
0520-1425-U	235	155	89	58	42	33	27	20	15	12	9	8	--	--	--
0520-1050-U	184	140	63	39	29	23	18	12	10	8	--	--	--	--	--
0520-0750-U	110	72	40	26	19	14	11	8	--	--	--	--	--	--	--

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