

# Fortress<sup>®</sup> Rackmount

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<sup>®</sup> 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 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 Built-In Transient Voltage Surge Suppression

New Fortress surge suppression feature safeguards phone line or network connections.

### NEW BestDock™ Communications Slot

Intelligent communications slot gives you a variety of connectivity options, including PC interface via the Internet.

### NEW Larger VA Model

Powerful 2250VA unit expands Fortress Rackmount protection applications.

### 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

B E S T P O W E R N E V E R S T O P S

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UNINTERRUPTIBLE POWER SYSTEMS

## 120V Specifications

Models	750VA	1050VA	1425VA	2250VA
Part Number	0520-0750-RU	0520-1050-RU	0520-1425-RU	0520-2250-RU
Capacity (VA/Watts)	750/450	1050/670	1425/950	2250/1600
Dimensions (inches)	3.5 x 17.5 x 18.0	5.2 x 17.5 x 18.0		7.0 x 17.5 x 18.0
H x W x D (mm)	88 x 445 x 457	133 x 445 x 457		178 x 445 x 457
Weight (lbs)	46	60	66	95
(kg)	21	27	30	43
Input Connection	NEMA 5-15P			NEMA L5-30P
Output Receptacle Quantity & Type	(6) NEMA 5-15R			(4) NEMA 5-15R (2) NEMA 5-20R (1) NEMA L5-30R
Typical Runtime: (Full Load)	6	6	5	5
(minutes) (Half Load)	19	19	17	16
<b>Operation</b>				
Nominal Input Voltage	120 VAC Single-Phase (110 and 128 volts options, user-selectable)			
Input Voltage Range(for on-line operation)	96 to 146 VAC nominal (up to 156 VAC, user-selectable)			
Operating Frequency (on line)	50/60Hz ±5Hz, autosensing			
Nominal Output Voltage	120VAC Single-Phase (110 and 128 volt options, user-selectable)			
Output Voltage Regulation (on line)	± 10% of nominal (at Factory default setting)			
Overload Capacity	110% ±8%			
Transfer Time	Within CBEMA limits, undetected by modern computer loads			
On-Battery Voltage	120 VAC +/- 7%			
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			
Recharge Time (with half load)	3 hours to 95%			
Lightning & Surge Protection	Tested to ANSI/IEEE C62.41 categories A & B			
Efficiency	>95% on line			
Safety Certification	UL1778, cUL; tested to UL 1449			
EMI Compliance	FCC Class B	FCC Class A		
Communications	BestDock™ slot. DB9 male with RS-232 communications and contact closure.			
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			
<b>Environmental</b>				
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 2250 VA unit)			
Altitude	3,000m (10,000 ft.) without derating			
All specifications subject to change without notice.				

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! Fortress Rackmount**  
750VA to 2250 VA

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UNINTERRUPTIBLE  
POWER SYSTEMS

**BEST POWER NEVER STOPS**  
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