

Fortress[®] 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[®] 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

Your System's Not
Complete Without One.™

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UNINTERRUPTIBLE POWER SYSTEMS

120V Specifications

Models	750VA	1050VA	1425VA	1800VA	2250VA
Part Number	0520 0750 RU	0520 1050 RU	0520 1425 RU	0520 1800 RU	0520 2250 RU
Capacity (VA/Watts)	750/450	1050/670	1425/950	1800/1260	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 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 (2) NEMA 5-20R (1) NEMA L5-30R
Typical Runtime: (Full Load)	8	8	8	8.5	5
(minutes) (Half Load)	20	22	22	24	12
Operation					
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 90 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 overvoltage 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 for RS-232 communications and contact closure.				
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 1800 VA and 2250 VA units)				
Altitude	3,000m (10,000 ft.) without derating				
All specifications subject to change without notice.					

For Inverter 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 RU	330	150	95	68	51	41	34	28	24	19	16	13	10.5	9	5
0520 1800 RU	330	150	95	68	51	41	34	28	24	19	16	13	10.5	9	--
0520 1425 RU	235	155	89	58	42	33	27	20	15	12	9	8	--	--	--
0520 1050 RU	184	140	63	39	29	23	18	12	10	8	--	--	--	--	--
0520 0750 RU	110	72	40	26	19	14	11	8	--	--	--	--	--	--	--



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P.O. Box 280
Necedah, WI 54646 USA

1-800-356-5794
www.bestpower.com