

800 Series
2kVA TO 7.5kVA
Unrivalled reliability in
configurable power
protection for computers
and telecommunications
equipment.

60Hz

Built to Protect:

- > Midrange Computer Systems
 - > Application and Database Servers
 - > Clustered File Servers
 - > Internetworking Equipment
 - > PBX and Communications Systems
 - > Process Control Equipment
-
- > Equipment in Poor Power Conditions



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

Patented Ferroresonant Technology

FERRUPS provides "bulletproof" protection that eliminates the effects of spikes, sags, surges, noise and lightning.

FERRUPS' Standard-Setting Features

The FERRUPS 800 Series incorporates the best features from previous generation models, including: harmonics filtering; power conditioning precision-regulated voltage without battery discharge; Active Voltage Regulation; redundant power paths; and galvanic isolation.

Lower Output Impedance

The FERRUPS 800 Series has been fortified for improved compatibility with high-surge and PFC loads.

User Interface

FERRUPS 800 Series menu-driven front panel design makes it easy to use, which saves you valuable diagnostic time in power emergencies.

External Battery Connector

Now a standard feature on the FERRUPS 800 Series, the external battery connector provides for much simpler runtime expansion as your needs and requirements change.

Hot-Swappable Batteries

The FERRUPS 800 Series is even more user-friendly, with hot-swappable batteries that allow batteries to be changed without interrupting the load operation.

BestDock™ Communications Slot

The BestDock Communications Slot gives you the ability to add communications capabilities immediately or as your needs change in the future.

Easy-Roll Casters

On all FERRUPS 800 Series models, easy-roll casters make installation as easy as on other FERRUPS models.

Unsurpassed Warranty

FERRUPS 800 Series is covered by our two-year limited warranty against factory or workmanship defects. We up the ante with our "Double Lifetime" limited warranty* that repairs or replaces your FERRUPS if damaged by lightning, and covers up to US\$25,000 for damage to connected equipment. Call the factory for details on these limited warranties.

*U.S. and Canada only.



The Best Solution™

800 Series

60Hz Specifications

Models		2kVA	3kVA	4.5kVA	6kVA	7.5kVA
Part Number		0800-2000-6U	0800-3000-6U	0800-4500-6H	0800-6000-6H	0800-7500-6H
Capacity (kVA/kW)		2.0/1.4	3.0/2.1	4.5/3.2	6.0/4.2	7.5/5.3
Dimensions (inches)		28 x 13.5 x 29	31 x 13.5 x 29		34 x 13.5 x 34.5	
H x W x D (mm)		710 x 345 x 735	790 x 345 x 735		865x 345 x 875	
Weight (lbs)		304	323	377	600	655
	(kg)	137.9	146.5	171	272.2	292.1
Input Connection		5-20P	L5-30P	Hardwired input standard		
Output Connection (quantity)		(6)		Hardwired output standard		
	(type)	5-15R				
Typical Runtime: (Full Load)		11	17	10	16	12
(minutes) (Half Load)		23	36	22	38	27
Operation						
Nominal Input Voltage		110, 115, 120, 127, 208, 220, 230 or 240			208, 220, 230 or 240	
Input Voltage Range		87 - 132VAC or 174 - 264VAC			174 - 264VAC	
Input Power Factor		0.98				
Input Current THD		Maximum 5%				
Operating Frequency		60Hz				
Nominal Output Voltage		120, 127, 120/208, 120/240, 127/220, 208, 220, 230 or 240				
Output Voltage Regulation		± 3% of nominal				
Output Voltage Waveform		Sine wave				
Output Voltage THD		Maximum 5% THD (< 3% single harmonic)				
Overload Capacity		125% for 10 min.				
Transfer Time		0 ms; no break in output when input power is lost				
Recharge Time (with half load)		< 3 hours				
Lightning, Surge & Noise Protection		2000:1 spike attenuation using ANSI/IEEE C62.41 and C62.45 Category A and Category B tests Common Mode - >120dB. Normal Mode - >60dB				
Efficiency		90	90	90	89	89
Safety Certification		UL, CSA (cUL)				
EMI Compliance		FCC Class A, CSPRR 22 Class B				
Testing Standards		ANSI/IEEE C62.41 (1980); ANSI/IEEE C62.45 (1987); IEC 801-2, 801-3, 801-4, 801-5				
Communication		BestDock™ communications slot, RS-232 serial port (DB-9) plus contact closures				
Environmental						
Operating Temperature		0 to 40° C, 32 to 104° F				
Storage Temperature		-20° C to +40° C (+60° C without batteries), -4° F to +104° F (+140° F without batteries)				
Relative Humidity		0 to 95% without condensation				
Audible Noise at One Meter		<45dB				
Altitude		Up to 3,050m (10,000 ft.) Maximum operating ambient temperature drops 1° C (2° F) for every 305m (1,000 ft.) above sea level				

All specifications subject to change without notice.

Best Power offers a complete line of Uninterruptible Power Systems from 250VA to 220kVA.



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