

# FERRUPS®

UNINTERRUPTIBLE POWER SYSTEMS

**800 Series**  
**2kVA TO 7.5kVA**  
**Unmatched 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

### Patented Ferroresonant Technology

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

### NEW Lower Output Impedance

The new FERRUPS has been fortified for improved compatibility with high-surge loads.

### NEW User Interface

FERRUPS' new front panel design makes it easy to use, which saves you valuable diagnostic time in power emergencies.

### NEW Easy-Roll Casters

On the new FERRUPS models 2-3kVA, easy-roll casters make installation as easy as on other FERRUPS models.

### NEW External Battery Connector

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

### NEW Hot-Swappable Batteries

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

### NEW BestDock™ Communications Slot

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

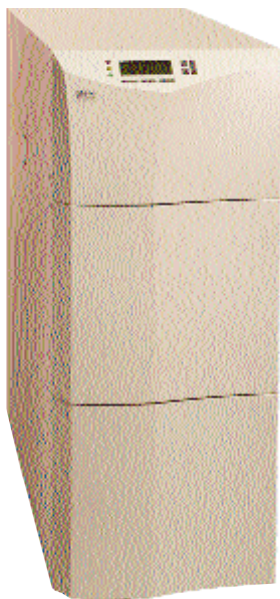
### FERRUPS' Standard-Setting Features

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

### Unmatched Warranty

FERRUPS 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



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

**Best**  
**Power™**  
UNINTERRUPTIBLE  
POWER SYSTEMS

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

### 800 Series 60Hz Specifications

Models	2kVA	3kVA	4.5kVA	6kVA	7.5kVA
Part No.	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
<b>Operation</b>					
Nominal Input Voltage	110, 115, 120, 127, 208, 220, 230 or 240			208, 220, 230 or 240	
Input Voltage Range	85 - 138VAC or 165 - 275VAC			165 - 275VAC	
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 input when input power is lost				
Recharge Time (with half load)	< 3 hours				
Lightning, Surge & Noise Protection	TVSS rated in accordance with UL 1449 test methods				
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	RS-232 serial port (DB-9) plus contact closures				
<b>Environmental</b>					
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 280VA to 220kVA.



FERRUPS - 800 Series  
2KVA to 7.5kVA



FERRUPS - FE Series  
500VA to 18kVA



RACKMOUNT FERRUPS  
850VA to 7kVA

