

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

FERRUPS®

FE Series. 500VA TO 18kVA.

Unrivalled reliability in configurable power protection for computers and telecommunications equipment. 60Hz

Active Voltage Regulation

FERRUPS has unprecedented ability to work with all types of input sources and loads. Plus, its Active Voltage Regulation converts power from almost any AC source into computer-grade power.

Longer Runtime

FERRUPS provides regulated output voltage without drawing power from the batteries for input voltages as low as 38-percent below nominal (based on size of load). This keeps the batteries fully charged for unexpected blackouts.

Eliminates Harmonics

FERRUPS stops harmful harmonic currents generated by widely used switch-mode power supplies (SMPS) from entering a building's wiring, where they could disrupt computer operations.

Computer Load Compatibility

FERRUPS can meet the demands of today's computer loads, including power-factor corrected, switch-mode, and linear power supplies.

Enhanced Communications with Free Software

Every FERRUPS unit comes bundled with *free* CheckUPS II Suite power management software and connecting cable. CheckUPS II helps users monitor, diagnose, and react more effectively to power-line events, and provides automatic, unattended shutdown when needed. The CD-ROM-based software supports most major operating systems. A BestLink™ SNMP/WEB Adapter can be connected for remote network operations.



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

Enhanced Diagnostics

FERRUPS initiates automatic startup and performs scheduled tests on the logic board, battery, inverter, and other critical systems.

Comprehensive 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.

FE Series, 60Hz Specifications

Models	500VA	700VA	850VA	1.15kVA	1.4kVA	1.8kVA	2.1kVA	3.1kVA	4.3kVA	5.3kVA	7kVA	10kVA	12.5kVA	18kVA	
Part Number	FE500VA	FE700VA	FE850VA	FE1.15kVA	FE1.4kVA	FE1.8kVA	FE2.1kVA	FE3.1kVA	FE4.3kVA	FE5.3kVA	FE7kVA	FE10kVA	FE12.5kVA	FE18kVA	
Capacity (kVA/kW)	.5/.35	.7/.5	.85/.6	1.15/.8	1.4/1	1.8/1.25	2.1/1.5	3.1/2.2	4.3/3	5.3/3.7	7/5	10/7.5	12.5/10	18/15	
Dimensions (inches)	12 x 10 x 21.25			15.1 x 15.2 x 20.2			21.2 x 15.25 x 22.9			29.5 x 15.5 x 25			36.5 x 19 x 32**		
H x W x D (mm)	305 x 255 x 540			385 x 390 x 515			540 x 390 x 585			750 x 395 x 635			930 x 485 x 815**		
Weight (lbs)	62	79	85	132	154	183	196	256	359	505	604	875	1089	1362	
	28	36	39	60	70	83	89	116	163	229	274	397	494	618	
Input Connection	6 ft. cord w/NEMA 5-15P*					6 ft. cord w/NEMA 5-20P*		6 ft. cord w/NEMA LS-30P*		120V/40A	120V/40A	120V/40A	208V/60A	208V/75A	208V=115A
										208V/25A	208V/30A	208V/40A	240V/50A	240V/65A	240V=100A
										240V/20A	240V/25A	240V/35A	240V/50A	240V/65A	240V=100A
Output Connection (quantity)	4			6			6			Hardwired output is standard					
(type)	NEMA 5-15R			NEMA 5-15R			NEMA 5-15R			Contact Factory for receptacle options					
Typical Runtime: (Full Load)	9	14	11	18	14	11	9	14	10	20	12	11	18	10	
(minutes) (Half Load)	25	35	28	48	37	30	25	35	24	50	33	26	48	26	
Operation															
Nominal Input Voltage	120/208/240											208/240			
Input Voltage Range	+15%, -20%														
Input Power Factor	0.98														
Nominal Output Voltage	120/208/240														
Output Voltage Regulation	± 3% for input voltages of +15% to -20%														
Output Voltage Waveform	Sine wave														
Output Voltage THD	5% or less at rated kW load														
Overload Capacity	150% surge and 125% for 10 min. on line, 150% surge and 110% for 10 minutes on inverter														
Transfer Time	0 ms														
Lightning, Surge & Noise Protection	2000:1 spike attenuation using ANSI/IEEE C62.41 and C62.45 Category A and Category B tests. Common Mode - >120 dB. Normal Mode - >60dB														
Efficiency	85	86	85	88	88	90	90	91	90	90	90	90	91	92	
Safety Certification	UL, CSA (cUL)														
EMI Compliance	FCC Class A														
Testing Standards	ANSI/EEE C62.41 (1980); ANSI/EEE C62.45 (1987); IEC 801-2, 801-4, 801-5														
Communication	RS-232 serial port (DB-25), plus contact closures														
Environmental															
Operating Temperature	0 to 40° C														
Storage Temperature	-20° C to +60° C														
Relative Humidity	5 to 95% without condensation														
Audible Noise at 1m	41	41	47	49	49	51	51	51	50	51	52	55	56	57	
Altitude	3, 050m (10,000 ft.) maximum														

All specifications subject to change without notice.

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

*120 V Standard Configuration

**Batteries in second cabinet. Contact factory for weights and dimensions.

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