


[Close Window](#)

Eaton FERRUPS Tower UPS 60 Hz Technical Specs

[→ Model Selection Guide](#)
[→ 50 Hz Specs](#)
[→ 60 Hz rackmount Specs](#)

Operation

Part No.	FE 500 VA	FE 700 VA	FE 850 VA	FE 1.15 kVA	FE 1.4 kVA	FE 1.8 kVA	FE 2.1 kVA	FE 3.1 kVA	FE 4.3 kVA	FE 5.3 kVA	FE 7k VA	FE 10k VA	FE 12.5 kVA	FE 18 kVA
Nominal Input Voltage	120/208/240												208/240	
Input Voltage Range	+15%, -20%													
Input Power Factor	.98													
Nominal Output Voltage	120/208/240													
Output Voltage Regulation	±3% for input voltages +15% to -20%													
Output Voltage Waveform	Sine Wave													
Output Voltage THD	6% or less at rated kW load													
Overload Capacity	150% surge and 125% for 10 minutes on-line. 150% surge and 110% for 10 minutes on inverter.													
Transfer Time	0 ms													
Lightning, Surge, and 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° to +60° C													
Relative Humidity	5 to 95% without condensation													
Audible Noise (dBA)	41	41	47	49	49	51	51	51	50	51	52	55	56	57
Altitude	3050 m (10,000 ft.) maximum													

Model Guide	500 VA	700 VA	850 VA	1.15 kVA	1.4 kVA	1.8 kVA	2.1 kVA	3.1 kVA	4.3 kVA	5.3 kVA	7 kVA	10 kVA	12.5 kVA	18 kVA
-------------	-----------	-----------	-----------	-------------	------------	------------	------------	------------	------------	------------	----------	-----------	-------------	-----------

Part No.		FE 500 VA	FE 700 VA	FE 850 VA	FE 1.15 kVA	FE 1.4 kVA	FE 1.8 kVA	FE 2.1 kVA	FE 3.1 kVA	FE 4.3 kVA	FE 5.3 kVA	FE 7 kVA	FE 10 kVA	FE 12.5 kVA	FE 18 kVA
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 HxWxD	inches mm	12x10x21.25 305x255x540		15.1x15.2x20.2 385x390x515		21.2x15.25x22.9 540x390x585		29.5x15.5x25 750x395x635		36.5x19x32 930x485x815 Dimensions are for the UPS only on 10-18kVA (does not include battery pack)					
Weight	lb KG	62 28	79 36	85 39	132 60	154 70	183 83	196 89	256 116	359 163	505 229	604 274	875 397	1089 494	1362 589
Input Connection	6ft Cord w/NEMA 5-15P*						6ft Cord w/NEMA 5-20P*	6ftCord w/NEMA L5-30P*	120 V/40 A 208 V/25 A 240 V/20 A	120 V/40 A 208 V/30 A 240 V/25 A	120 V/40 A 208 V/40 A 240 V/35 A	208 V/60 A 240 V/50 A	208 V/75 A 240 V/65 A	208 V/115 A 240 V/100 A	
Output Connection	(quantity) (type)	4 NEMA 5-15R			6 NEMA 5-15R		6 NEMA 5-15R			Hardwired output is standard. Contact Factory for receptacle options					
Typical Runtime: (minutes)	Full load	9	14	11	18	14	11	9	14	8	20	12	11	18	10
	Half load	25	35	28	48	37	30	25	35	20	50	33	26	48	26

[Privacy Policy](#)
[Terms & Conditions](#)
[Copyright](#)

© 2018 Eaton
 All Rights Reserved