

Powerware FERRUPS Tower UPS 60 Hz Technical Specs

Information																												
Model	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														
Rated Input Voltage	120/208/240											208/240																
Voltage Range	+15%, -20%																											
Power Factor	.98																											
Rated Output Voltage	120/208/240																											
Voltage Regulation	±3% for input voltages +15% to -20%																											
Voltage Waveform	Sine Wave																											
Voltage THD	6% or less at rated kW load																											
Load Capacity	150% surge and 125% for 10 minutes on-line. 150% surge and 110% for 10 minutes on inverter.																											
Transfer Time	0 ms																											
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														
Certification	UL,CSA (cUL)																											
Compliance	FCC Class A																											
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	18/13.5														
Dimensions LxWxD	inches		mm		inches			mm			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	62	79	85	132	154	183	196	256	359	505	604	875	1089	1360													
	KG	28	36	39	60	70	83	89	116	163	229	274	397	494	588													
Connection	6ft Cord w/NEMA 5-15P*					6ft Cord w/NEMA 5-20P*		6ft Cord w/NEMA L5-30P*		120 V/40 A	120 V/40 A	120 V/40 A	208 V/40 A	208 V/60 A	208 V/75 A	240 V/100 A												
	(quantity)		4		6		6			Hardwired output is standard. Contact Factory for receptacle options																		
	(type)		NEMA 5-15R		NEMA 5-15R		NEMA 5-15R																					
Runtime (hours)	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													

FOOTNOTES:
* 120 V Standard Configuration