



EATON FERRUPS TECHNICAL SPECIFICATIONS



Model FE3.1 (3.1 kVA/2.2 kW)

General	
Topology	Ferroresonant
Part Number	FH000AA0A0A0A0B
Color	Beige with blue highlights
Rating (VA/Watts)	3100/2200
Dimensions (H x W x D, inches)	21.2 x 15.25 x 22.9
Weight (lbs)	256
Warranty	Two-year factory warranty
Electrical Input	
Connection	 <p>Hardwired - see manual for terminal block layout</p>
Nominal Voltage	120 VAC
Frequency	60 Hz
Input Power Factor	0.98
Electrical Output	
Output Receptacles	 <p>Hardwired - see manual for terminal block layout</p>
On Utility Voltage Regulation	±3% for input voltages +15% to -20%
Overload Capacity	150% surge and 125% for 10 minutes on-line. 150% surge and 110% for 10 minutes on inverter.
Voltage Wave Shape (On Battery)	Sine Wave
Transfer Time	0 ms
Battery	
Half Load Runtime (in mins)	35
Full Load Runtime (in mins)	14
Communications	
Communication Ports	RS-232 serial port (DB-25), plus contact closures
Environmental & Standards	
Operating Temperature	0° to 40°C
Lightning / Surge Protection	2000:1 spike attenuation using ANSI/IEEE C62.41 and C62.45 Category A and Category B tests.
Storage Temperature	-20° to +60° C
Relative Humidity	5 to 95% without condensation
Note: Due to continuing product improvement programs, specifications are subject to change without notice.	