

MaxFit FE Series

Single Power Supply Expandable Power Systems



Altronix MaxFit FE Single Power Supply Expandable Power Systems provide system designers and installers with optimum power choices and the highest levels of versatility in a more compact and economical enclosure. Units provide 12VDC or 24VDC via single output power supply/charger and include AC fail, low battery, and battery presence monitoring. Enclosure accommodates up to four (4) 12VDC/12AH batteries.



MaxFit7FE

Key Features

- Filtered and electronically regulated outputs
- Additional aux. Class 2 power-limited output rated @ 1A
- Thermal and short circuit protection with auto reset.
- Supervision
 - AC Fail
 - Low Battery and Battery Presence
 - Low power shutdown
- Supervised fire alarm disconnect
- Built-in 30-50% faster charger for sealed lead acid or gel type batteries
- Low power cutoff - protects stand-by batteries from deep discharge
- AC input and DC output LED indicators
- Enclosure accommodates up to four (4) 12VDC/12AH batteries
- Lifetime Warranty

MaxFit FE Series Power Supply Configuration Reference Chart

Altronix Model Number	120VAC 60Hz Input Current	Input Fuse Rating	Battery Fuse Rating	Nominal DC Output Voltage Options				Maximum Supply Current for Main and Aux. Outputs
				[DC]		[AUX]		
				12VDC Output Range (V)	24VDC Output Range (V)	12VDC Output Range (V)	24VDC Output Range (V)	
MaxFit3FE	3.5A	5A/250V	10A/32V	10.0-13.2	20.19-26.4	10.03-13.2	20.19-26.4	6A
MaxFit5FE	3.5A	5A/250V	15A/32V	10.03-13.2	—	10.03-13.2	—	10A
MaxFit7FE	4.5A	6.3A/250V	15A/32V	—	20.17-26.4	—	20.17-26.4	10A

Lifetime Warranty

Specifications

Input

Voltage	120VAC, 60Hz
Fusing	Varies, see Reference Chart

Outputs

Voltage	12VDC or 24VDC, see Reference Chart
Current	Varies, see Reference Chart
Other	Overvoltage protection Filtered and regulated

Battery Charging

Capacity	12AH/12VDC (4 within enclosure) 40AH/65AH (requires separate enclosure)
Type	Sealed lead acid or gel type
Fuse Rating	Varies, see Reference Chart
Failover	Upon AC loss, instantaneous
Batteries are sold separately	

Fire Alarm Disconnect

Supervised	Latching or non latching
EOL	10K Resistor

Supervision

AC Failure	Form "C" contacts
Battery	Form "C" contacts

Low DC Power Shutdown

Shuts down DC output terminals if battery voltage drops below 71-73% for 12V units and 70-75% for 24V units (depending on the power supply)
Prevents deep battery discharge

Indicators (LED)

Input	120VAC is present
DC Output	Powered

Physical and Environmental

Dimensions (H x W x D)

Enclosure:
20.5" x 16.5" x 6.25" (520.7 mm x 419.1 mm x 158.8 mm)
Shipping:
24.75" x 20.25" x 7.875" (628.7mm x 514.4mm x 200mm)
Enclosure accommodates up to four (4) 12VDC/12AH batteries

Weight (approx.)

Model	Product Weight	Shipping Weight
MaxFit3FE	20.3 lb. (9.2 kg)	25.7 lb. (11.6 kg)
MaxFit5FE	20.3 lb. (9.2 kg)	25.7 lb. (11.6 kg)
MaxFit7FE	20.6 lb. (9.3 kg)	26 lb. (11.8 kg)

Temperature

Operating: 0°C to 49°C (32°F to 120°F)
Storage: - 20°C to 70°C (- 4°F to 158°F)

Relative Humidity 85% +/- 5%
BTU/Hr (approx.)

Model	12VDC	24VDC
MaxFit3FE	37	74
MaxFit5FE	61	N/A
MaxFit7FE	N/A	123

Accessories (order separately)



LINQ2

LINQ2 - Network Supervision

Altronix LINQ2 Network Communication Module provides remote supervision, control and monitoring over LAN/WAN

- Remotely reports accurate power diagnostics
- Controls power and resets devices
- Reports system diagnostics via Email

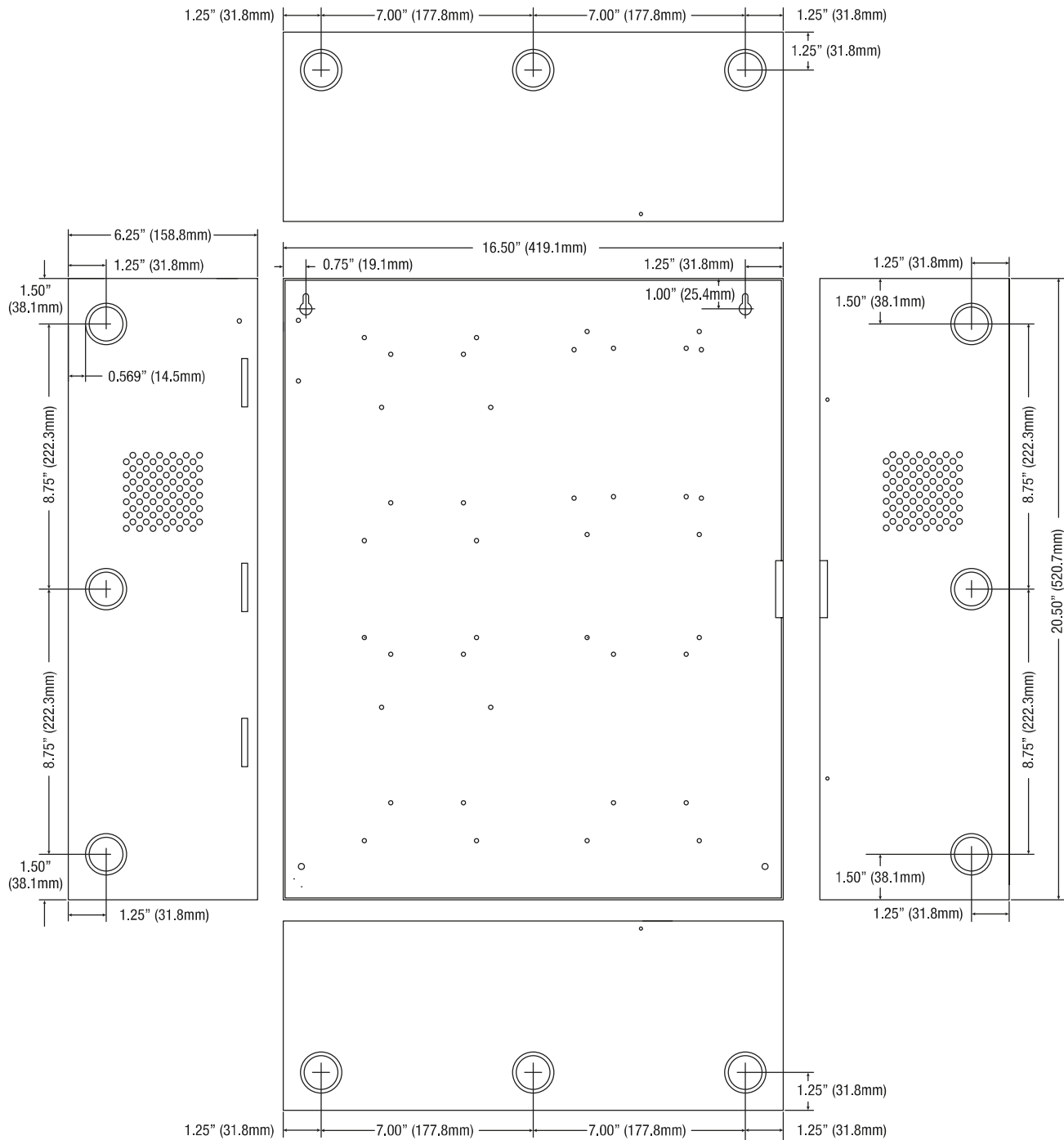


Lifetime Warranty

Dimensions and Drawing

Dimensions (H x W x D approximate)

20.5" x 16.5" x 6.25" (520.7mm x 419.1mm x 158.8mm)



Lifetime Warranty

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