

## MaxFit FE Series

### Single P/S Expandable Power Systems

#### Description

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 / Made in the U.S.A.

#### 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

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#### 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.

##### Back-up Battery *(not included)*

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

##### 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)

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

###### 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%.
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###### BTU/Hr (approx.):

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

## Accessories

### Network Supervision

Altronix model **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


