

## MaxFit FE Series

### Dual P/S Expandable Power Systems

#### Description

Altronix MaxFit Dual Power Supplies 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, 24VDC, or 12VDC and 24VDC simultaneously via two (2) single output power supply/chargers and include AC fail, low battery, and battery presence monitoring. Enclosure accommodates up to four (4) 12VDC/12AH batteries.



#### Key Features

- Filtered and electronically regulated outputs.
- Thermal and short circuit protection with auto reset.
- Additional aux. Class 2 power-limited outputs rated @ 1A.
- 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	Output Voltage Options		Non Power-Limited Outputs	Class 2 Rated Power-Limited Outputs	120VAC 60Hz Input Current	Power Supply Board Input Fuse Rating	Power Supply Board Battery Fuse Rating
	Power Supply 1	Power Supply 2					
MaxFit11FE	eFlow4NB	eFlow4NB	-	2	7A	5A/250V	7.5A/32V
	12VDC @ 4A	12VDC @ 4A					
	12VDC @ 4A	24VDC @ 4A					
	24VDC @ 4A	24VDC @ 4A					
MaxFit13FE	eFlow6NB	eFlow4NB	1	1	7A	5A/250V	7.5A/32V
	12VDC @ 6A	12VDC @ 4A					
	24VDC @ 6A	12VDC @ 4A					
	12VDC @ 6A	24VDC @ 4A					
MaxFit33FE	eFlow6NB	eFlow6NB	2	-	7A	5A/250V	10A/32V
	12VDC @ 6A	12VDC @ 6A					
	12VDC @ 6A	24VDC @ 6A					
	24VDC @ 6A	24VDC @ 6A					
MaxFit35FE	eFlow102NB	eFlow6NB	2	-	7A	5A/250V	10A/32V (eFlow6NB) 15A/32V (eFlow102NB)
	12VDC @ 10A	12VDC @ 6A					
	12VDC @ 10A	24VDC @ 6A					
MaxFit37FE	eFlow104NB	eFlow6NB	2	-	8A	5A/250V (eFlow6NB) 6.3A/250V (eFlow104NB)	10A/32V (eFlow6NB) 15A/32V (eFlow104NB)
	24VDC @ 10A	12VDC @ 6A					
MaxFit55FE	eFlow102NB	eFlow102NB	2	-	7A	5A/250V	15A/32V
	12VDC @ 10A	12VDC @ 10A					
MaxFit75FE	eFlow104NB	eFlow102NB	2	-	8A	5A/250V (eFlow102NB) 6.3A/250V (eFlow104NB)	15A/32V
	24VDC @ 10A	12VDC @ 10A					
MaxFit77FE	eFlow104NB	eFlow104NB	2	-	9A	6.3A/250V	15A/32V
	24VDC @ 10A	24VDC @ 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.
Auxiliary	Class 2 power-limited @ 1A (unswitched).
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
MaxFit11FE	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit13FE	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit33FE	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit35FE	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit37FE	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit55FE	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit75FE	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit77FE	21.7 lb. (9.8 kg)	27.1 lb. (12.3 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	12 and 24VDC
MaxFit11FE	48	74	98
MaxFit13FE	61	123	98 or 86*
MaxFit33FE	74	148	111
MaxFit35FE	98	N/A	130
MaxFit37FE	N/A	197	160
MaxFit55FE	123	N/A	N/A
MaxFit75FE	N/A	N/A	184
MaxFit77FE	N/A	246	N/A

\*Depending on Power Supplies' settings

### 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


