

MaxFit FE Series

Dual Power Supply Expandable Power Systems



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.



MaxFit13FE

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

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					
	24VDC @ 10A	24VDC @ 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).

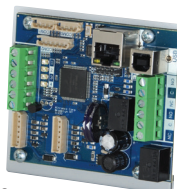
Relative Humidity 85% +/-5%.

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 *(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