

MaxFit E Series

Dual Power Supply Expandable Power Systems



Altronix MaxFit Expandable Power Systems provide system designers and installers with optimum power choices and the highest levels of versatility. They provide 12VDC, 24VDC, or 12VDC and 24VDC simultaneously via two (2) single output power supply/chargers. Suit of features includes 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.
- Supervision
 - AC Fail
 - Low Battery and Battery Presence
- Built-in charger for sealed lead acid or gel type batteries
- Instantaneous transfer to stand-by batteries
- AC input and DC output LED indicators
- Enclosure accommodates up to four (4) 12VDC/12AH batteries
- Lifetime Warranty

Lifetime Warranty

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MaxFit E Series Dual Power Supply Configuration Reference Chart

Altronix Model Number	115VAC 60Hz Input Current	Power Supply Board Input Fuse Rating	Power Supply Board Battery Fuse Rating	Output Voltage Options		Non Power-Limited Outputs	Class 2 Rated Power-Limited Outputs
				Power Supply 1	Power Supply 2		
MaxFit11E	7.0A	5A/250V	15A/32V	AL400ULXB2	AL400ULXB2	-	2
				12VDC @ 4A	12VDC @ 4A		
				12VDC @ 4A	24VDC @ 3A		
				24VDC @ 3A	24VDC @ 3A		
MaxFit13E	7.0A	5A/250V	15A/32V (AL400ULXB2)	AL600ULXB	AL400ULXB2	1	1
				12VDC @ 6A	12VDC @ 4A		
				24VDC @ 6A	12VDC @ 4A		
				12VDC @ 6A	24VDC @ 3A		
				24VDC @ 6A	24VDC @ 3A		
MaxFit33E	7.0A	5A/250V	-	AL600ULXB	AL600ULXB	2	-
				12VDC @ 6A	12VDC @ 6A		
				12VDC @ 6A	24VDC @ 6A		
				24VDC @ 6A	24VDC @ 6A		
MaxFit35E	6.1A	5A/250V	15A/32V (AL1012ULXB)	AL1012ULXB	AL600ULXB	2	-
				12VDC @ 10A	12VDC @ 6A		
				12VDC @ 10A	24VDC @ 6A		
MaxFit37E	7.9A	5A/250V	15A/32V (AL1024ULXB2)	AL1024ULXB2	AL600ULXB	2	-
				24VDC @ 10A	12VDC @ 6A		
				24VDC @ 10A	24VDC @ 6A		
MaxFit55E	5.2A	5A/250V	15A/32V	AL1012ULXB	AL1012ULXB	2	-
				12VDC @ 10A	12VDC @ 10A		
MaxFit75E	7.0A	5A/250V	15A/32V	AL1024ULXB2	AL1012ULXB	2	-
				24VDC @ 10A	12VDC @ 10A		
MaxFit77E	8.8A	5A/250V	15A/32V	AL1024ULXB2	AL1024ULXB2	2	-
				24VDC @ 10A	24VDC @ 10A		

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Specifications

Input

Voltage 115VAC, 60Hz
Fusing 5A/250V

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)
40AH/65AH (requires separate enclosure)
Type Sealed lead acid or gel type
Fuse Rating 15A @ 32VDC
AL600ULXB does not have a battery fuse
Failover Upon AC loss, instantaneous

Supervision

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

Indicators (LED)

Input 115VAC is present
DC Output Powered
Battery Discharged or not connected

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
MaxFit11E	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit13E	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit33E	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit35E	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit37E	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit55E	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit75E	21.2 lb. (9.6 kg)	26.6 lb. (12.1 kg)
MaxFit77E	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
MaxFit11E	43	66	55
MaxFit13E	45	82	45 or 82*
MaxFit33E	74	147	111
MaxFit35E	98	N/A	130
MaxFit37E	N/A	197	160
MaxFit55E	123	N/A	N/A
MaxFit75E	N/A	N/A	184
MaxFit77E	N/A	246	N/A

*Depending on Power Supplies' settings

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