

MaxFit E Series

Single Power Supply Expandable Power Systems



Altronix MaxFit Expandable Power System provide system designers and installers with maximum power choices and the highest levels of versatility. They provide 12VDC or 24VDC. The suit of features includes AC fail, low battery and battery presence monitoring. All inter-connecting equipment must be UL Listed. MaxFit enclosure offers ample room for expanding access control systems and accommodates up to four (4) 12VDC/12AH batteries.



MaxFit5E

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

MaxFit E Series Single 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	Non Power-Limited Outputs
				Power Supply	
MaxFit3E	3.5A	5A/250V	-	AL600ULXB	1
				12VDC @ 6A	
				24VDC @ 6A	
MaxFit5E	2.7A	5A/250V	15A/32V	AL1012ULXB	1
				12VDC @ 10A	
MaxFit7E	4.4A	5A/250V	15A/32V	AL1024ULXB2	1
				24VDC @ 10A	

Lifetime Warranty



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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
MaxFit3E	20.3 lb. (9.2 kg)	25.7 lb. (11.6 kg)
MaxFit5E	20.3 lb. (9.2 kg)	25.7 lb. (11.6 kg)
MaxFit7E	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
MaxFit3E	37	74
MaxFit5E	61	N/A
MaxFit7E	N/A	123

Lifetime Warranty