



# Altronix MaxFit E Series Single Power Supply Expandable Power Systems Instructions

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**Altronix MaxFit E Series Single Power Supply Expandable Power Systems**



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## Introduction

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 interconnecting 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 60 Hz 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	

## 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****Documents / Resources**

	<p><a href="#">Altronix MaxFit E Series Single Power Supply Expandable Power Systems</a> [pdf] Instructions</p> <p>MaxFit E Series Single Power Supply Expandable Power Systems, MaxFit E Series, Single Power Supply Expandable Power Systems, Power Supply Expandable Power Systems, Supply Expandable Power Systems, Expandable Power Systems, Power Systems</p>
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