

## 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

## Specifications

### Input

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

### Outputs

|         |  |
|---------|--|
| Voltage | 12VDC or 24VDC, see Reference Chart              |
| Current | Varies, see Reference Chart                      |
| Other   | Overvoltage protection<br>Filtered and regulated |

### Back-up Battery *(not included)*

|             |  |
|-------------|--|
| Capacity    | 12AH/12VDC (Up to 4 within enclosure)<br>40AH/65AH (requires separate enclosure) |
| Type        | Sealed lead acid or gel type   |
| Fuse Rating | 15A @ 32VDC<br>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