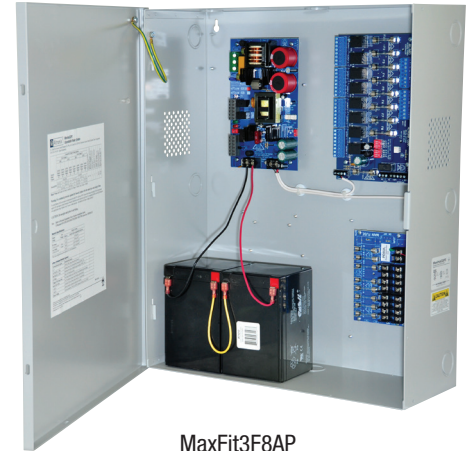


## MaxFit3F8AP

### Access Power Controller



Altronix MaxFit3F8AP Access Power Controller distributes and switches power to access control systems and accessories. It converts a 120VAC, 60Hz input into eight (8) distributed 12VDC or 24VDC fuse protected outputs and eight (8) independently controlled 12VDC or 24VDC fuse protected relay outputs. Fail-Safe/Fail-Secure power outputs may be converted to dry form "C" contacts. Relays are activated by an open collector sink or normally open (NO) dry trigger input from an Access Control System, Keypad, Push Button, REX PIR, etc. Unit will route power to a variety of access control hardware devices including: Mag Locks, Electric Strikes, Magnetic Door Holders, etc. The FACP Interface enables Emergency Egress, Alarm Monitoring, or may be used to trigger other auxiliary devices. The fire alarm disconnect feature is individually selectable for any or all of the eight (8) relay outputs.

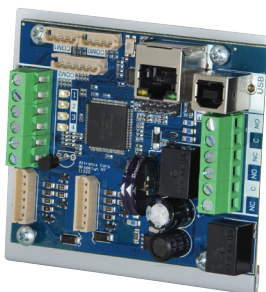


MaxFit3F8AP

### Key Features

- 12VDC/24VDC @ 6A power supply/charger
- Supervision
  - AC Fail
  - Low Battery and Battery Presence
  - Low power shutdown
- Outputs:
  - Eight (8) distributed 12VDC or 24VDC fuse protected outputs
  - Eight (8) independently controlled 12VDC or 24VDC fuse protected relay outputs
- Convenient knockout configuration:
  - Twelve (12) double knockouts (1" and 0.75")
- 16 AWG powder-coated steel enclosure simplifies board layout and wire management
- Enclosure accommodates up to four (4) 12VDC/12AH batteries

### 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

## Specifications

### Power Supply (eFlow6NB):

#### Input

Voltage	120VAC, 60Hz, 3.5A max.
Main Fuse	5A/250V

#### Output

Voltage	12VDC or 24VDC selectable
Current	6A continuous
Auxiliary	Class 2 power-limited @ 1A (unswitched)
Other	Overvoltage protection. Filtered and regulated

### Battery Charging

Capacity	12AH/12VDC (4 within enclosure) 40AH/65AH (requires separate enclosure)
Type	Sealed lead acid or gel type
Fuse Rating	10A/32V
Failover	Upon AC loss, instantaneous

Batteries are sold separately

### 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 70-75% for 24V units or 71-73% for 12V units  
Prevents deep battery discharge

### Indicators (LED)

Input	120VAC is present
DC Output	Powered
Battery	Discharged or not connected

### Power Distribution Module (PD8UL):

#### Input

Voltage	12VDC or 24VDC from eFlow6NB
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#### Outputs

Voltage	12VDC or 24VDC
	Eight (8) fuse protected outputs 3.5A per output max.

Output Fuses	3.5A/250V
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### Indicators (LED)

Green LED	DC Output
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### Access Power Controller (ACM8):

#### Input

Voltage	12VDC or 24VDC from eFlow6NB
Input Fuse	10A/250V

#### Outputs

Voltage	2VDC or 24VDC
	Eight (8) independently controlled fused outputs:
	a) Fail-Safe and/or Fail-Secure power outputs. Form "C" Relays rated 28VAC or VDC @ 2.5A
	b) Auxiliary power outputs (unswitched)
	c) Any combination of the above

Output Fuses	3.5A/250V
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### Indicators (LED)

Red LEDs	Outputs are triggered (relays energized)
Green LED	FACP disconnect is triggered

### MaxFit3F8AP:

#### 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.)

Product:	26.9 lb. (12.2 kg)
Shipping:	32.9 lb. (14.9 kg)

##### Temperature

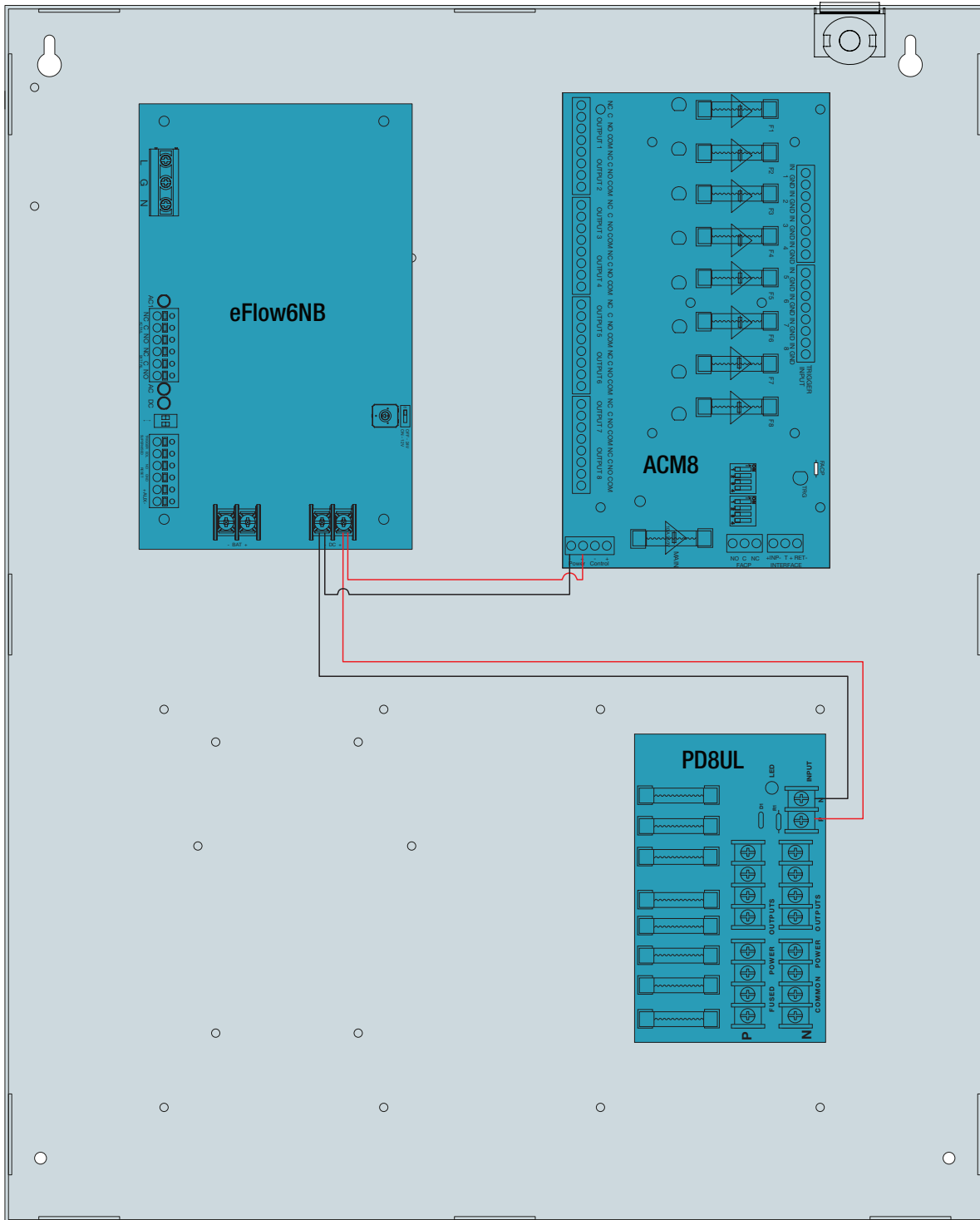
Operating:	0°C to 49°C (32°F to 120°F)
Storage:	- 20°C to 70°C (- 4°F to 158°F)

##### Relative Humidity

	85% +/- 5%
BTU/Hr (approx.)	12VDC: 41 BTU/Hr. 24VDC: 77 BTU/Hr.

### Lifetime Warranty

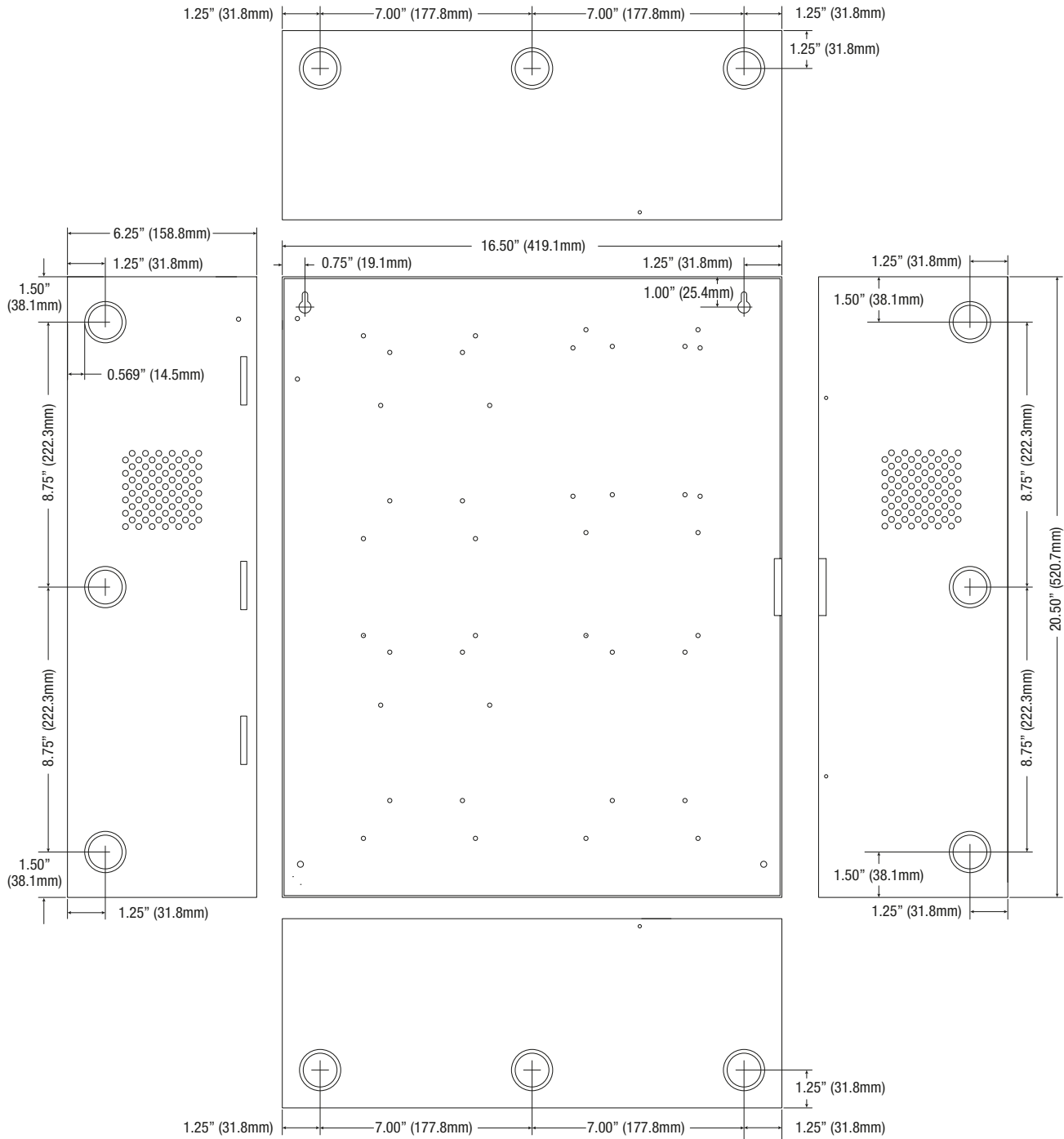
**Sub-Assembly Layout:**



**Lifetime Warranty**

**Dimensions and Drawing**

Dimensions (H x W x D approximate)  
20.5" x 16.5" x 6.25" (520.7mm x 419.1mm x 158.8mm)



**Lifetime Warranty**