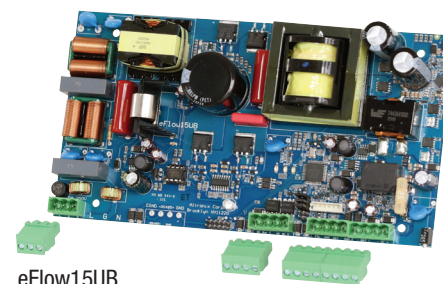


## eFlow15UB

### Auto-Ranging Sub-Assembly Power Supply/Charger (Board)



Altronix eFlow15UB power supply/charger converts a 100-256VAC, 50/60Hz input into a single 12VDC or 24VDC output. It also offers a suite of features that includes an independent charging circuit, fire alarm disconnect, overvoltage protection, and low power disconnect which prevents deep discharge of stand-by batteries. eFlow15UB also charges SLA or LiFePO<sub>4</sub> batteries. Network communication is provided via Altronix LINQ2 interface.



eFlow15UB

## Specifications

### Input

**Voltage** Auto-ranging 100-265VAC, 50/60Hz, 2.5A  
Removable AC terminal block for maintenance and servicing

**Input Fuse** 5A/250V

### Output

**Voltage** Switch selectable 12VDC or 24VDC

**Current** 10A continuous max at 24VDC  
14A continuous max at 12VDC

**Other** Overvoltage & short circuit protection  
Filtered and electronically regulated

### Battery Charging

**Voltage** Independent 24VDC charging circuit will backup both the 12VDC and 24VDC output

**Charging Current** 1A

**Type** LiFePO<sub>4</sub> (Lithium Iron Phosphate), Sealed lead acid (or gel type)  
Instantaneous automatic switch over to stand-by battery when AC fails  
Zero voltage drop when switched over to battery backup

**Battery Fuse** 20A/32V

*Batteries are sold separately*

### Fire Alarm Disconnect

**Supervised** Latching or non-latching

**EOL** 10K Resistor

### Network Communication:

**LINQ2 Interface** Remote supervision, control and monitoring over LAN/WAN

### Indicators (LED)

System of diagnostic LEDs that constantly monitor and report on board's health and functioning

### Supervision

**AC Fail** Form "A" normally closed contacts

**Battery Fail and Presence**

Form "A" normally closed contacts

**Low DC Power Shutdown**

Shuts down DC output terminals if battery voltage drops below 70-75%  
Prevents deep battery discharge

Brownout detection

Output short circuit protection with temporary shutdown

Low charging voltage detection

Weekly battery load test

Critical component failure shutdown

### Agency Listings

**UL:**

**UL294** Access Control System Units

**CE**

European Conformity

### Physical and Environmental

**Dimensions (L x W x H)**

Board: 8.25" x 4.5" x 1.5" (209.5mm x 114.3mm x 38.1mm)

Shipping: 10" x 8" x 4" (254mm x 203.2mm x 101.6mm)

**Weight (approx.)**

Product Weight: 1.1 lb. (0.5 kg)

Shipping Weight: 1.25 lb. (0.57 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**

20 to 85%, non-condensing

**BTU/Hr. (approx.)**

123 BTU/Hr.

### Lifetime Warranty

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

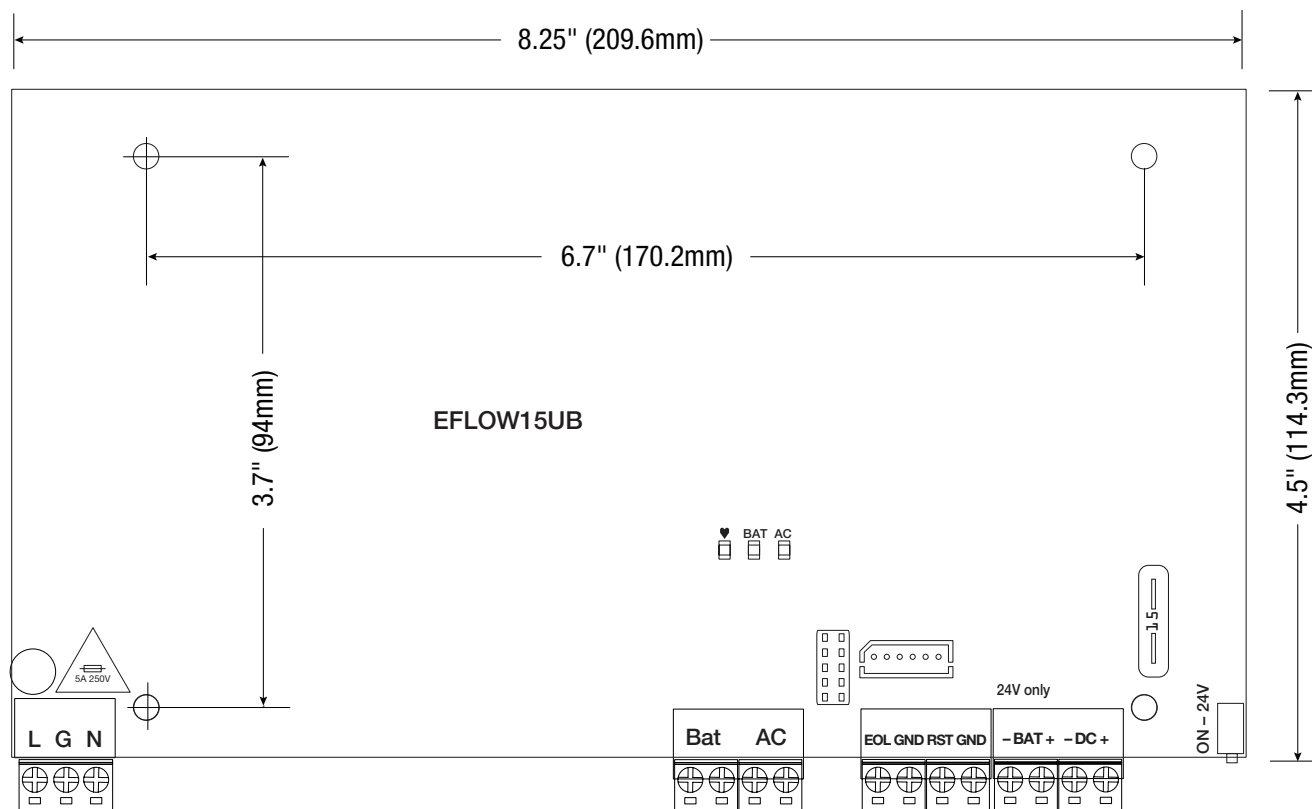
phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

### Dimensions and Drawing

Board Dimensions (L x W x H approximate)

8.25" x 4.5" x 1.5" (209.5mm x 114.3mm x 38.1mm)

Mounting Holes' Tolerance: +/- 0.04 in. (1mm)



### Accessories (order separately)



#### 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

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