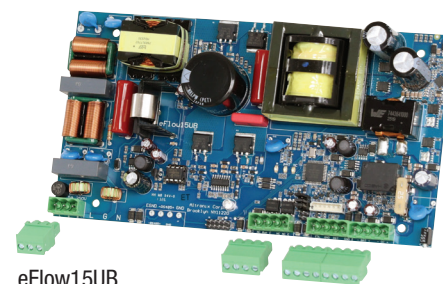


eFlow15UB

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, true automatic weekly battery load testing feature and low power disconnect which prevents deep discharge of stand-by batteries. eFlow15UB also charges SLA or LiFePO₄ 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 LiFePO₄ (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

True Automatic Weekly Battery Load testing feature

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

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

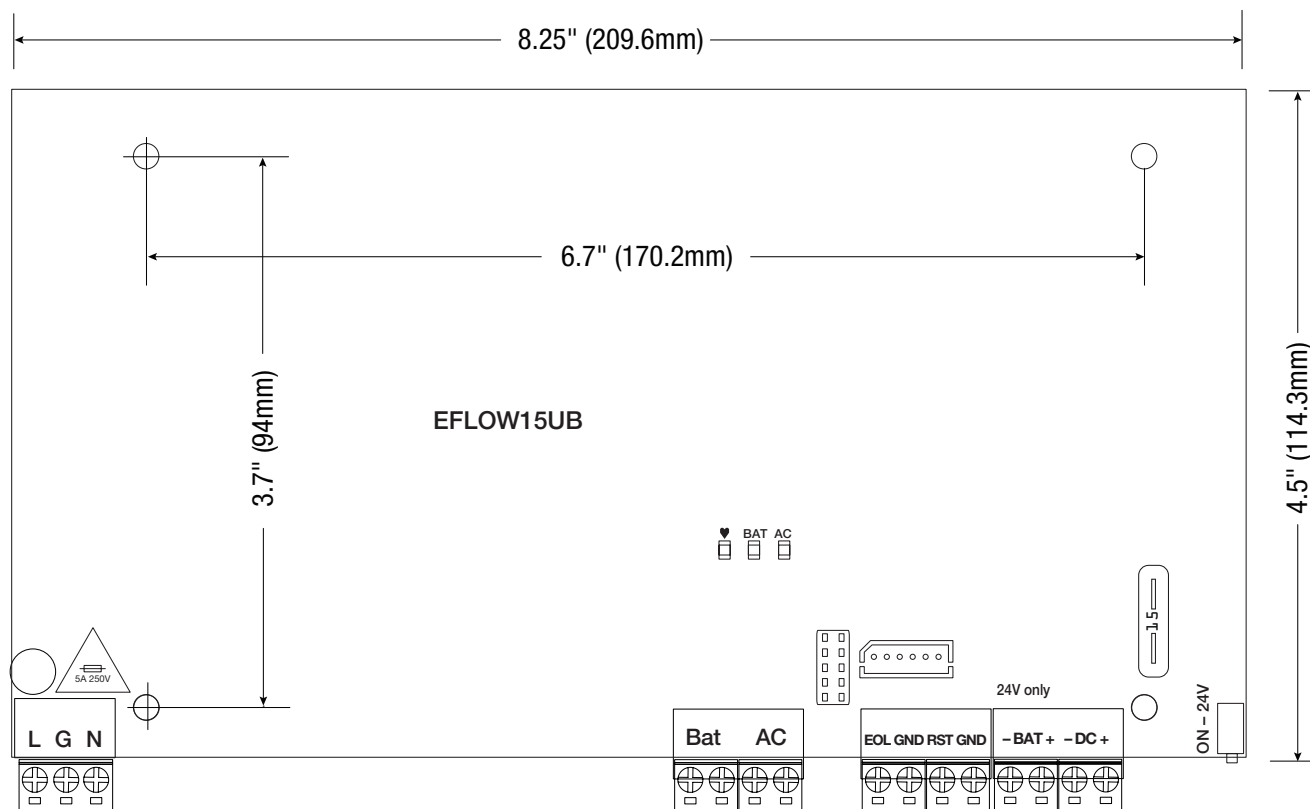
phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

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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