

CommBatt1

NFPA Compliant BDA Power and Battery Charger System



Altronix CommBatt1 is an in-building power and battery backup solution for emergency response radio coverage system. Designed and engineered to meet NFPA 1225 codes providing integrators and consultants with a BDA power and backup option.



CommBatt1

Specifications

Input

Voltage 115VAC-220VAC 50/60Hz, 2A
 Input Fuse 5A/250V

Outputs

Voltage 12VDC or 24VDC
 Current

UL2524 Specifications:

24V @ 5.5A total or 12V @ 9A total current

UL864/ULC-S527 Specifications:

24V: 3.5A standby, 6A alarm
 12V: 3.5A standby, 12A alarm

Auxiliary Power-limited @ 0.6A (unswitched)
 Other Overvoltage protection. Filtered and regulated

Battery Charging

Type Sealed lead acid or gel type
 Two (2) 55AH batteries in series for 24V,
 One (1) or two (2) in parallel for 12V
 12AH option for UL864

Charge Current 3A for 12V and 2A for 24V

Fuse Rating 20A/32V

Failover Upon AC loss, instantaneous

Batteries are sold separately

Supervision (Form "C" Contacts)

AC: Failure/Brownout

Battery: Low Battery/Battery Presence/Battery fail

Component Trouble: Critical Component Failure

Charger Circuit Failure

FACP Reporting

Indicators

Component Failure Critical Component Failure
Battery Low or missing battery
AC Input AC Brownout or failure
Charger Charger trouble
Heartbeat Processor failure
Critical Failure Wrong voltage, shutdown indicator

Agency Listings

UL/CUL:

UL2524 Standard for In-building
 2-Way Emergency Radio Communication
 Enhancement Systems

UL864 Standard for Control Units and
 Accessories for Fire Alarm Systems

CAN/ULC-S527 Fourth Edition, 2019
 Control Units for Fire Alarm Systems

Physical and Environmental

NEMA-4, UL Listed aluminum red powder coated wall mount enclosure
 with IP 65 battery vent and locking door, IP-68 cable entries

Dimensions (H x W x D)

26" x 19.7" x 8" (660.5mm x 500mm x 203mm)

Weight (approx.)

Product: 33 lb. (15 kg)
 Shipping: 40 lb. (18.15 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%

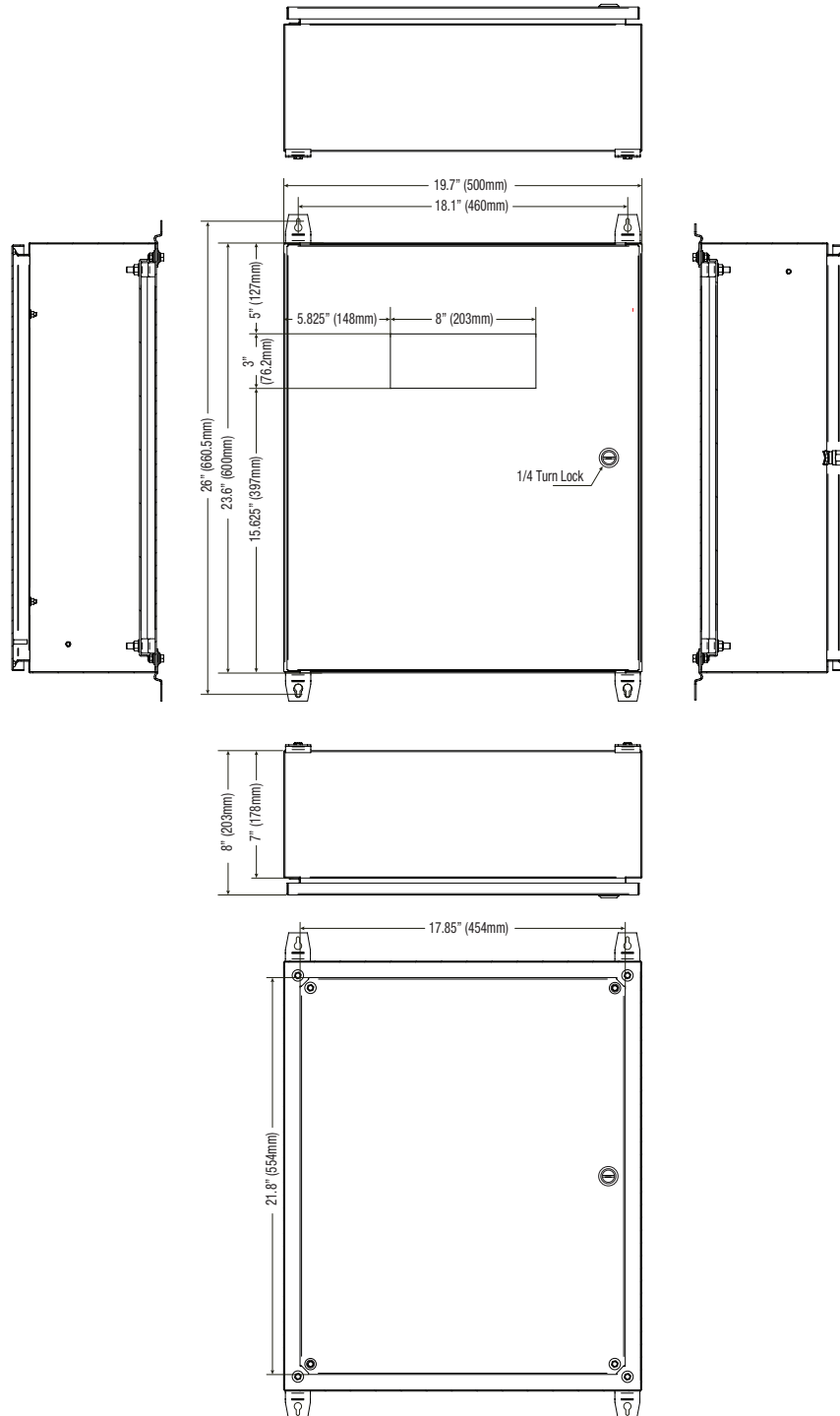
BTU/Hr. (approx.): 74 BTU/Hr.

Lifetime Warranty

Dimensions and Drawing

Dimensions (H x W x D approximate)

26" x 19.7" x 8" (660.5mm x 500mm x 203mm)



Lifetime Warranty