

Westell® | CS19-BBU-004

12/24-Hour NFPA Compliant Battery Back-Up Enclosure



General Information

Westell's CS19-BBU-004 series of public safety battery backup units are designed to provide main power and uninterruptible backup power for any 12 VDC public safety bi-directional amplifier (BDA) system. The Westell CS19-BBU-004 series can maintain full continuous operation of a BDA for 24 hours or more depending on battery installed.

The CS19-BBU-004 series provides an integrated power, battery charger and alarm monitor system. The power system provides up to 175W of power to the BDA. The alarm system has auxiliary connections to the BDA for remote monitoring. Electronics and batteries are housed in a NEMA 4 enclosure.

The CS19-BBU-004 provides full NFPA 72/1221/1225/UL2524 indicator support with Westell 12 VDC BDAs.

Lead-acid batteries are ordered separately and will determine the length of battery backup time.

Product Highlights

- 24-hour back-up capable
- NFPA 1221/2524 compliant
- AC input, 12 VDC output
- Power system UL 60950-1 listed
- NEMA-4 protection
- -30°C to +50°C operation
- On off AC/DC switch
- Optional emergency power off (EPO) switch

Applications

- Indoor/outdoor
- NFPA battery backup for BDAs
- Integrated Power and alarm cable assembly for Westell BDA
- Watertight glands



CS19-BBU-004

Specifications

| | |
|------------------------|----------------------------------|
| Input Voltage | 85 - 125 VAC |
| Input Frequency | 45 - 66 Hz |
| Typical Input Current | 0.8A/108 VAC |
| Output Voltage | 12 VDC |
| Maximum Output Power | 175W max |
| Environmental | -30°C to +50°C |
| Dimensions (H x W x D) | 17.5" x 16.6" x 15.5" |
| Weather Resistance | NEMA-4 |
| UL | 60950-1, 2524 |
| Mounting | Wall |
| Cable Entries | 1 @ 3/4 ALM, DC; 1 @ 1/2 conduit |

Ordering information

| Part Number | Description |
|--------------|--|
| CS19-BBU-004 | NG-BBU NEXT GEN CHRGR-BATT BACKUP NEMA 4 |

Batteries, Available Separately

| Battery Recommendation for Westell Class A/B BDAs | | Qty Req. |
|---|--|----------|
| CS19-BAT55AHSLA | 55AH, 12V, SLA battery for CS19-BBU-004 series | 1 |
| CS19-BAT100AH31 | 100AH, 12V battery for CS19-BBU-004 series | 1 |

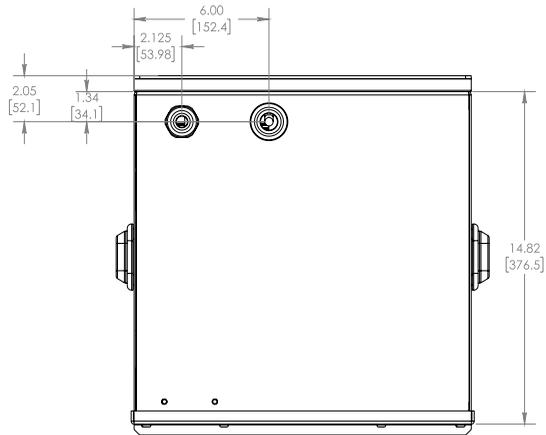


Westell® | CS19-BBU-004

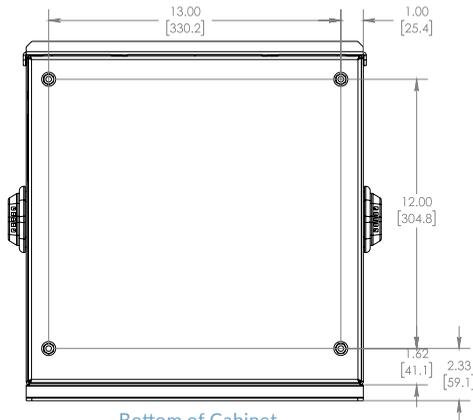
12/24-Hour NFPA Compliant Battery Back-Up Enclosure



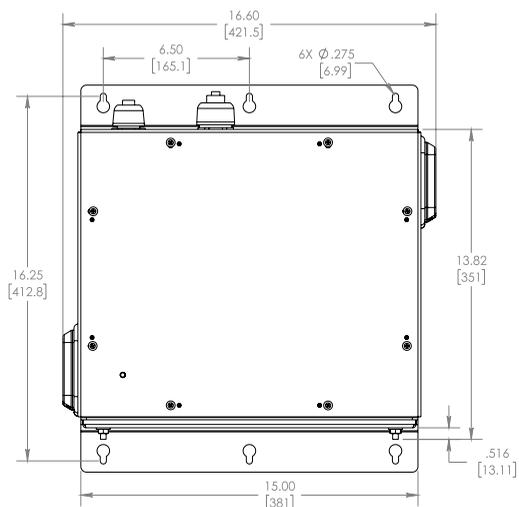
Mechanical Drawings - Inches [mm]



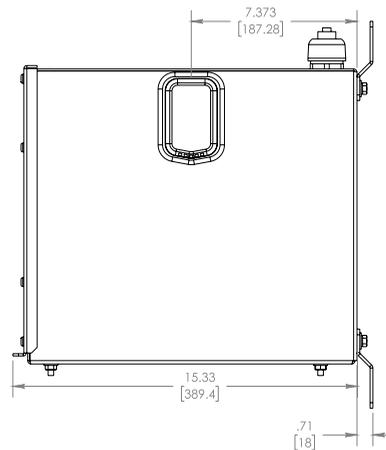
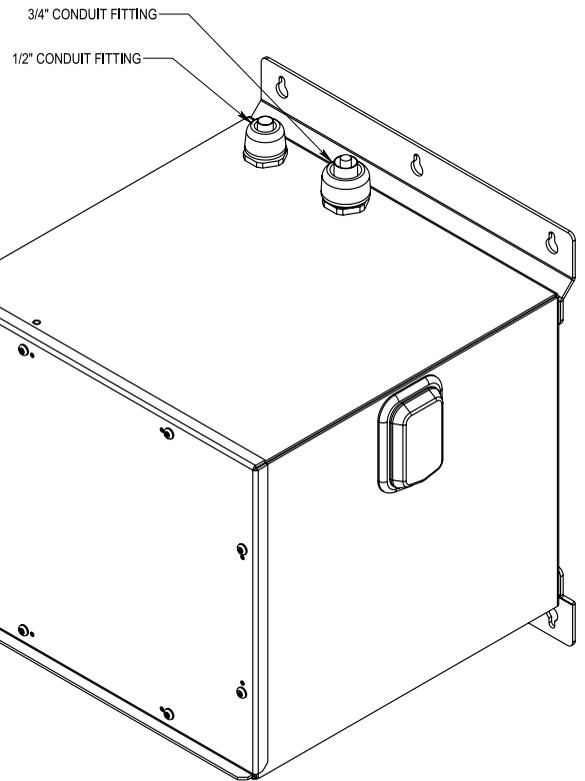
Top of Cabinet



Bottom of Cabinet



Front of Cabinet



Side of Cabinet

