

Westell® | CS19-BBU-005

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

General Information

Westell's CS19-BBU-005 series of public safety battery backup units are designed to provide main power and uninterruptible backup power for the CS45-734-834-A0 BDA public safety bi-directional amplifier (BDA) system. The Westell CS19-BBU-005 series can maintain full continuous operation of a BDA for 24 hours or more depending on battery installed.

The CS19-BBU-005 series provides an integrated power, battery charger, and alarm monitor system. The power system provides up to 252W of power to the BDA. The alarm system has auxiliary connections to the BDA for remote monitoring. Electronics are housed in a NEMA 4 enclosure, and batteries are housed in a NEMA 3R enclosure, manufacturer assembled.

The CS19-BBU-005 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 62368-1 listed
- NEMA 4/3R protection
- -30°C to +50°C operation
- On off AC/DC switch

Applications

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

Specifications

Input Voltage	85 - 125 VAC
Input Frequency	45 - 66 Hz
Typical Input Current	2.1/108 VAC
Output Voltage	12 VDC
Maximum Output Power	252W max
Environmental	-30°C to +50°C
Dimensions (H x W x D)	28" x 16.02" x 15.32"
Weather Resistance	NEMA 4/3R
UL	2524 (power supply UL 62368-1)
Mounting	Wall
Cable Entries	1 @ 3/4 ALM, DC; 1 @ 1/2 conduit



CS19-BBU-005, shown with mounting bracket

Ordering Information

Part Number	Description
CS19-BBU-005	NEMA 4/3R BDA BATTERY BACKUP, 12/24 HRS

Batteries, Available Separately

Battery Recommendation for Westell Class A/B BDAs		Qty Req.
CS19-BAT145AH-SLA	BATTERY 145AH - SLA, 12V (12 HRS)	1
CS19-BAT145AH-SLA	BATTERY 145AH - SLA, 12V (24 HRS)	2

Batteries compatible with CS45-734-834-A0 (90DB GAIN, 2.5W, PS-700+800 BDA CL A/B)



CS19-BBU-005, open view, shown without mounting bracket

CS19-BAT145AH-SLA



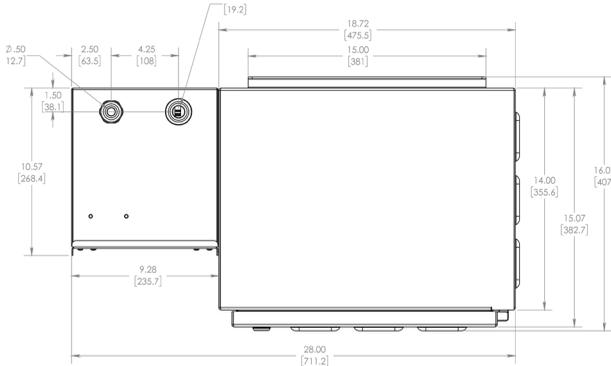
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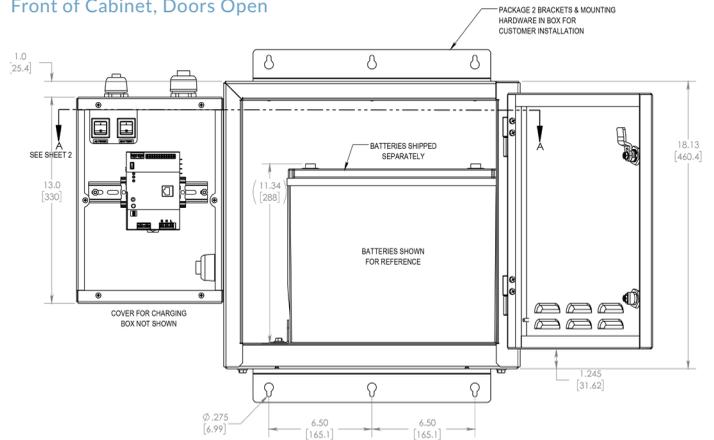


Mechanical Drawings - Inches [mm]

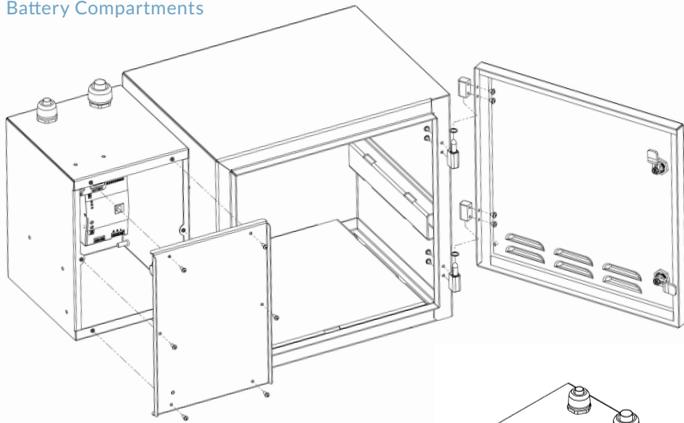
Front of Cabinet, Doors Closed



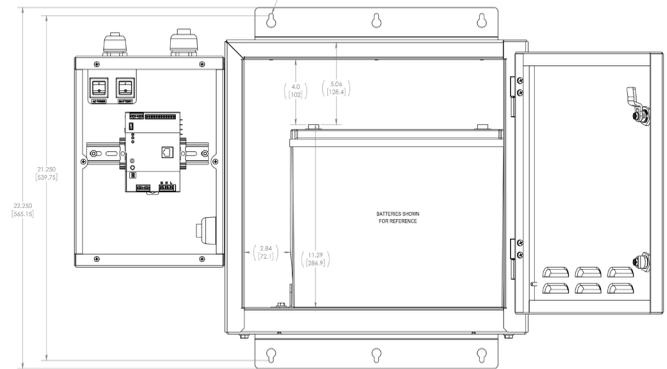
Front of Cabinet, Doors Open



3D View of Charger and Battery Compartments



Front of Cabinet, Battery Clearance



3D View of Battery Installed in Cabinet

