

ACC-VBX Series

Backup Battery System

NEW ALARMS

VBX



Overview

The VBX series is an advanced backup battery system for the BP52 Alarm panel. VBX batteries utilize lithium iron phosphate (LiFePO4) chemistry, which significantly outperforms traditional sealed lead acid (SLA) batteries on lifespan and energy capacity. This reduces the need for service calls and allows for an industry-leading 10 year warranty.

The VBX battery system works seamlessly with the BP52. The BP52 has two integrated battery slots and supports up to two external dual battery enclosures, allowing for a total of six 200Wh batteries per panel. Users can view battery health and state of charge from Verkada Command, providing peace of mind that their site stays protected during power outages.

Key features

Advanced LiFePO4 chemistry

- Superior lifespan and energy density compared to SLA batteries
- Covered by an industry-leading 10-year warranty

Easy installation and expansion

- Integrated alarm panel battery slots eliminate loose wires
- Connect additional batteries with external enclosure attachments

Cloud-managed

- Monitor battery level and health in Verkada Command
- Automatic firmware updates for the latest features and security enhancements



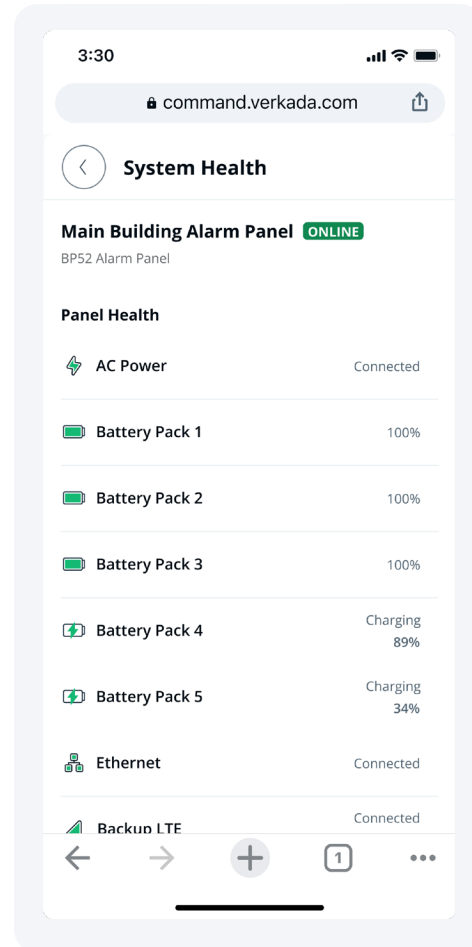
Connect up to six batteries per panel

Connect up to two 200Wh batteries inside the BP52 alarm panel through integrated battery slots, eliminating loose wires. The BP52 also supports up to two external dual battery enclosures, allowing for a total of six 200Wh batteries or 1,200Wh.



View battery status in Command

Users can view battery health and state of charge from the Command web or mobile app, providing organizations peace of mind that their alarm panel and downstream devices stay operational in the event of a power outage.





ACC-VBX-200WH Battery

Tech specs

To calculate how many batteries are needed for a given site, please refer to this [knowledge base article](#).

Power

Output voltage	20-28.8V (25.6V nominal)	Rated capacity	202.2 Wh (7.9 Ah) at 68° F (20° C)
Charge current	0.4-4.2A (1.58A nominal)	Discharge current	7.5A max (continuous) Can power BP52 at max output

General

Dimensions	Height: 7.3in / 18.6cm Width: 3.6in / 9.1cm Length: 4.1in / 10.3cm	Operating temperature and humidity	32 to 122° F / 0 to 50° C 0-90% RH non-condensing
Weight	4.6 lb / 2.1 kg	Storage temperature and humidity	3 months: -4 to 95° F / -20 to 35° C 12 months: -4 to 77° F / -20 to 25° C 0-65% RH non-condensing Maximum storage duration: 1 year
LEDs	3 battery level LEDs	Shipment capacity	15%-30% state of charge
Certifications	CP65, Rohs, Battery Directive, CE, RCM, IEC 62133, UL 2054, UL/IEC 62368-1, CSA NO22.2 62368-1	Warranty	10 years

ACC-VBX-ENC Enclosure

Tech specs

Power Input	Plug into the VBX Battery Enclosure Port on BP52 using the attached connector	Power output	2x battery slots (for ACC-VBX-200WH)
Dimensions	Height: 8.7in / 22.1cm Width: 12.7in / 32.3cm Depth: 4.7in / 12.0cm	Operating temperature and humidity	32 to 122° F / 0 to 50° C 0-90% RH non-condensing
Weight	7.3lb / 3.3kg	Tamper detection	Yes
Included accessories	2x keys, 2x conduit couplings, 4x chase nipples, 4x No.12 wood screws, 2x push-in cable holders, 2x push-in cable tie downs	Mounting options	Wall mount
Warranty	10 years	Certifications	FCC Part 15B Class A, IC, ICES-003 Class A, CE, UKCA, RCM, UL/IEC 62368-1, CSA NO22.2 62368-1



Ordering information

Backup Battery

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
ACC-VBX-200WH	ACC-VBX-200WH LiFePO4 Backup Battery	\$199	\$199
ACC-VBX-ENC	ACC-VBX-ENC Dual Battery Enclosure	\$299	\$299