

## 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



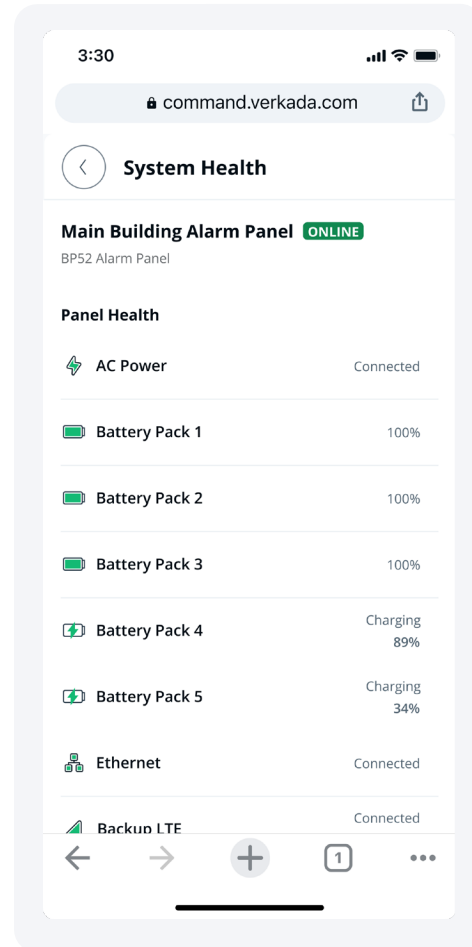
## Connect up to six batteries per panel

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

<b>Output Voltage</b>	20-28.8V (25.6V nominal)	<b>Rated Capacity</b>	202.2 Wh (7.9 Ah) at 68° F (20° C)
<b>Charge Current</b>	0.4-4.2A (1.58A nominal)	<b>Discharge Current</b>	7.5A max (continuous) Can power BP52 at max output

#### General

<b>Dimensions</b>	Height: 7.3" (18.6 cm) Width: 3.6" (9.1 cm) Length: 4.1" (10.3 cm)	<b>Operating Temperature and Humidity</b>	32 to 122° F (0 to 50° C) 0-90% RH non-condensing
<b>Weight</b>	4.6 lb (2.1 kg)	<b>Storage Temperature and Humidity</b>	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
<b>LEDs</b>	3 battery level LEDs	<b>Shipment Capacity</b>	15%-30% state of charge
<b>Certifications</b>	CP65, Rohs, Battery Directive, CE, RCM, IEC 62133, UL 2054, UL/IEC 62368-1, CSA NO22.2 62368-1	<b>Warranty</b>	10 years

## ACC-VBX-ENC Enclosure

### Tech Specs

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



# Ordering Information

## Backup Battery

Model Number	Description	Cost (MSRP) USD
ACC-VBX-200WH	ACC-VBX-200WH LiFePO4 Backup Battery	\$199
ACC-VBX-ENC	ACC-VBX-ENC Dual Battery Enclosure	\$299