

Power Technologies PowerVault 10-Unit Battery Vault System



Power Technologies PowerVault 10-Unit Battery Vault System User Manual

[Home](#) » [Power Technologies](#) » Power Technologies PowerVault 10-Unit Battery Vault System User Manual 

Contents

- [1 Power Technologies PowerVault 10-Unit Battery Vault System](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Specifications](#)
- [5 Product Information](#)
- [6 Maintenance and Safety](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)



Power Technologies PowerVault 10-Unit Battery Vault System



Specifications

Model	Inc h	Cabinet Dimensions	Product Weight (Weight Without Devices)	Capacity	Power Specifications (North America)	Power Specifications (Outside North America)	Charging Type	Security	Working Temperature	Working Relative Humidity % (RH%)	Storage Temperature	Storage RH %	Warranty
PowerVault	18.5(H) x 20(W) x 14(D)	35.6(H) x 50.8(W) x 47(D)	33 lbs. (15 kg)	10 PowerBankTM Batteries	AC IN/ Power Strip: 120V AC, 60Hz, 7A Maximum power: 400W	AC IN/ Power Strip: 220V AC, 50Hz, 7A Maximum power: 400W	USB-C Charging Hub	Keyed Lock	20% – 90% non-condensing	10% – 95% non-condensing	Lifetime Frame, 2 Years Components, 2 Years Electronics		

Product Information

PowerVaultTM is designed to manage and charge 10 PowerBankTM LiOn batteries for charging personal devices.

Product Usage Instructions

Setting Up the PowerVault

- Unbox the PowerVault cabinet and place it in a well-ventilated area.
- Connect the PowerVault to a power source using the appropriate power cord based on your region.

Charging Devices

- Insert the PowerBank batteries into the PowerVault slots.
- Connect your personal devices to the PowerBank batteries using the provided USB ports.

Security Features

Use the keyed lock to secure the PowerVault cabinet when not in use.

FAQ

- **Q: What is the capacity of the PowerBank batteries?**
 - A: The PowerBank batteries have a capacity of 20,000mAh @ 3.6V | 75.6Wh to 90Wh.
- **Q: How many years of warranty are provided for the PowerVault?**
 - A: The PowerVault comes with a lifetime frame warranty, 2 years for components, and 2 years for electronics.

PowerVault™ & PowerBank™

10-UNIT BATTERY VAULT SYSTEM USER MANUAL

PowerVault™ is designed to manage and charge 10 PowerBank™ Lion batteries for charging personal devices.

Specifications

Model		PowerVault
Cabinet Dimensions	Inch	18.5(H) x 20(W) x 14(D)
	cm	35.6(H) x 50.8(W) x 47(D)
Product Weight (Weight Without Devices)		33 lbs. (15 kg)
Capacity		10 PowerBank™ Batteries
Power Specifications (For cabinets sold within North America)		AC IN/ Power Strip: 120V AC, 60Hz, 7A Maximum power: 400W
Power Specifications (For cabinets sold outside North America)		AC IN/ Power Strip: 220V AC, 50Hz, 7A Maximum power: 400W
Charging Type		USB-C Charging Hub
Security		Keyed Lock
Working Temperature		0°- 40°C
Working Relative Humidity % (RH%)		20% – 90% non-condensing
Storage Temperature		-20°- 60°C Temp
Storage RH%		10% – 95% non-condensing
Warranty		Lifetime Frame, 2 Years Components, 2 Years Electronics
Model		PowerBank
Battery Capacity		20,000mAh @ 3.6V 75.6Wh to 90Wh
Supported Devices	Inch	2.3(H) x 1.9(W) x 4.1(D)
	cm	5.7(H) x 4.7(W) x 10.5(D)
USB-C Ports		Bidirectional Input/output charging Input: USB-PD, 5V – 9V – 12V – 15V – 20V, up to 3A, 40W max Output: USB-PD, 5V – 9V – 12V – 15V – 20V, up to 3A, 60W max
USB-A Ports		Port1: QC 3.0, 5V/3A, 9V/2A, 12V/1.5A Port2: QC 3.0, 5V/3A, 9V/2A, 12V/1.5A
Safety		Over-current protection; Over-discharging protection; Short-circuit protection; Over-charging protection

Specifications subject to change without notice.

Product Information

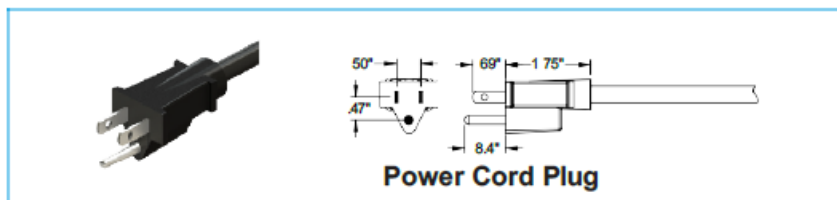
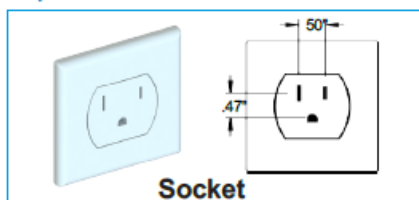
This manual covers the following models and part numbers. The manual is based upon the North American 110V product offering. Refer to the part numbers below and cord end diagrams for your specific region.

PowerVault Power Options

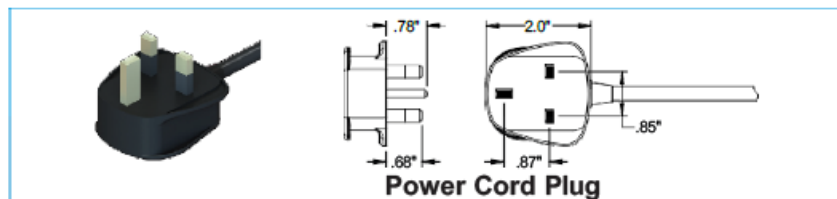
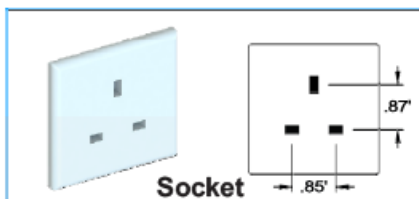
- **CAB-PVS-B10K-D** PowerVault, 10 Bay Secure Battery Charging Cabinet – 110V NA
- **CAB-PVS-B10K-E** PowerVault, 10 Bay Secure Battery Charging Cabinet – 220V EU
- **CAB-PVS-B10K-U** PowerVault, 10 Bay Secure Battery Charging Cabinet – 220V UK
- **CAB-PVS-B10K-A** PowerVault, 10 Bay Secure Battery Charging Cabinet – 220V AU
- **CAB-PVS-B10K-S** PowerVault, 10 Bay Secure Battery Charging Cabinet – 220V SW

Power Cords and Sockets for Specific Region

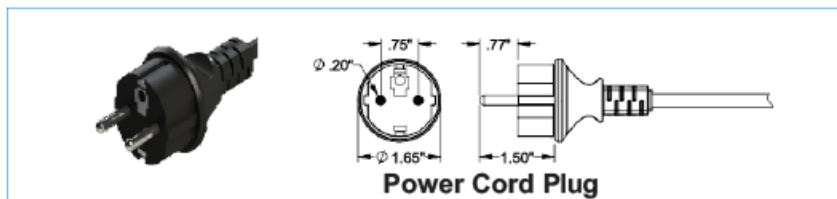
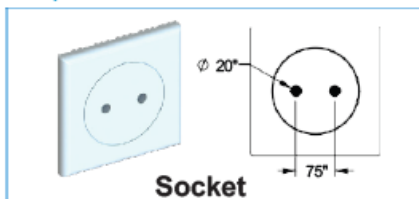
US / Canada



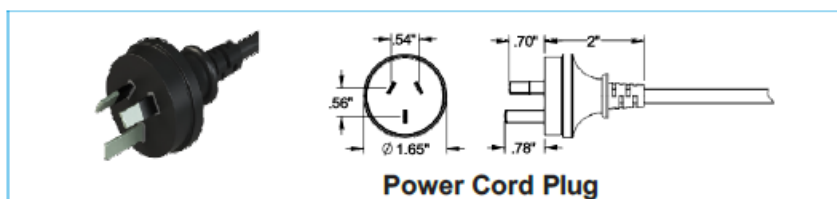
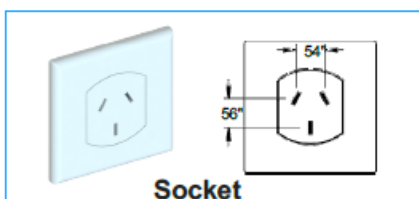
United Kingdom



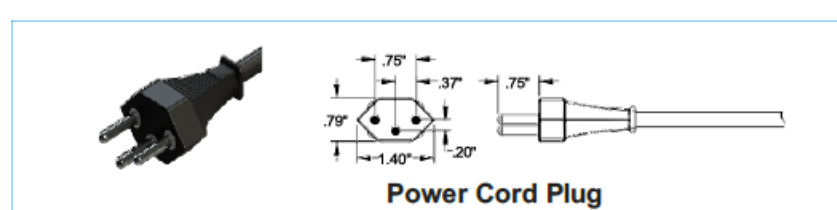
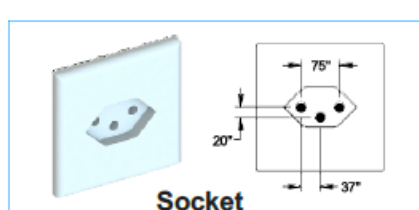
European



Australian



Switzerland Type-J



PowerVault™ is designed to manage and charge 10 PowerBank Lion batteries for charging personal devices. PowerVault is sold in three main packages.

1. PowerVault (cabinet only)

- PowerVault-10 -10 Bay Secure Battery Charging Cabinet.
2. PowerVault with 5 PowerBank Batteries.
 - PowerVault-10/5 – 10 Bay Secure Battery Charging Cabinet w/ 5 Power Bank Batteries.
 3. PowerVault with 10 PowerBank Batteries.
 - PowerVault-10/10 – 10 Bay Secure Battery Charging Cabinet w/ 10 Power Bank Batteries.

Batteries can be purchased as singles, box of 5 or box of 10 to meet your organizations requirements.

PowerBank-20K	BAT-PVS-20K-1	PowerBank, Rechargeable Lion Battery, 20K mAh, Single
	BAT-PVS-20K-5	PowerBank, Rechargeable Lion Battery, 20K mAh, Kit of 5
	BAT-PVS-20K-10	PowerBank, Rechargeable Lion Battery, 20K mAh, Kit of 10

NOTE: Please review this guide before installing and learn how to safely use PowerVault and PowerBank Batteries.

Unpacking/Parts Breakdown

Remove PowerVault from packing material and examine for any shipping damage. If damage is detected in shipping, contact the freight company, and file a damage complaint immediately.

A support ticket may also be submitted via the Power Technologies website:

www.powertechnologies.com/support-ticket/

Included in package

- PowerVault cabinet complete with charging hub, USB-C cables.
- Power Cord
- Set of Universal keys
- Pack of Batteries if ordered*

PowerVault Setup & Use

- PowerVault should be placed on a solid surface that will support up to 35 pounds/18kg and allow the cabinet door to fully open.
- Insert batteries into pockets inside the cabinet opening.
- Attach prewired USB-C Cables into one of the USB-C ports of the battery.
- Plug the cabinet into a wall outlet.
- Turn on the main power switch.
 - Charging hub will activate and send power to batteries.
 - Battery software will manage charging rate and levels.
 - Battery charge level will be displayed on the battery LCD screen.

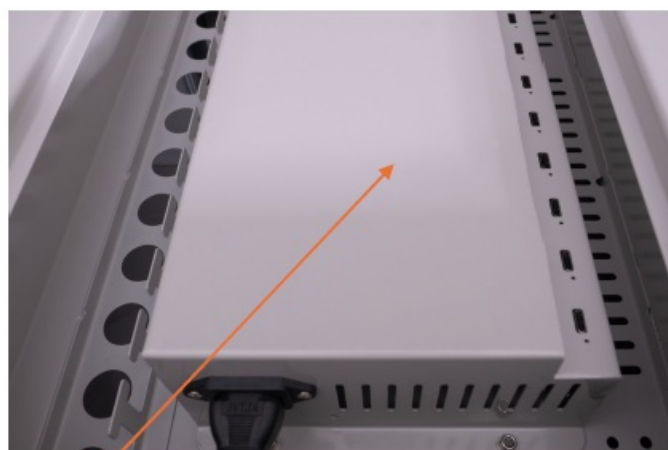
Front View



Top View

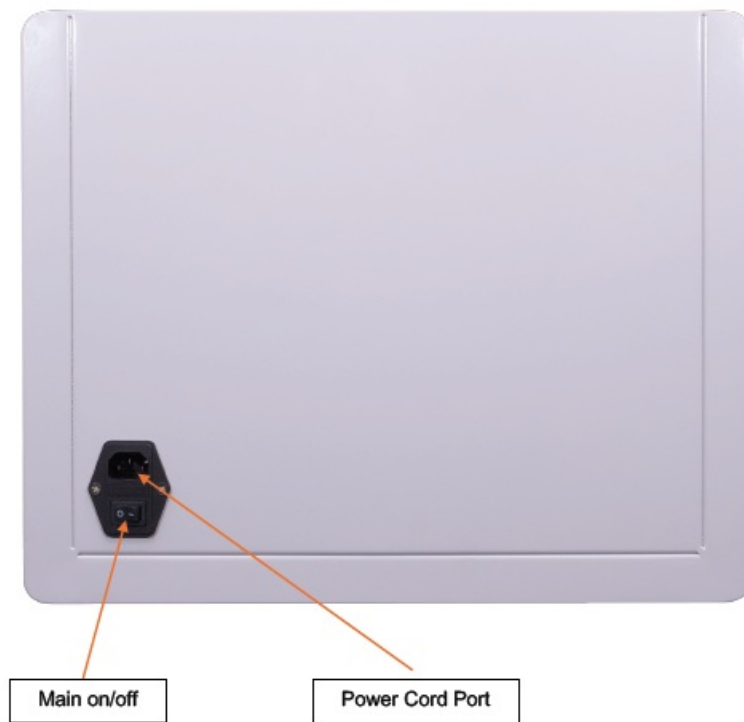


Keyed access panel to charging hub.

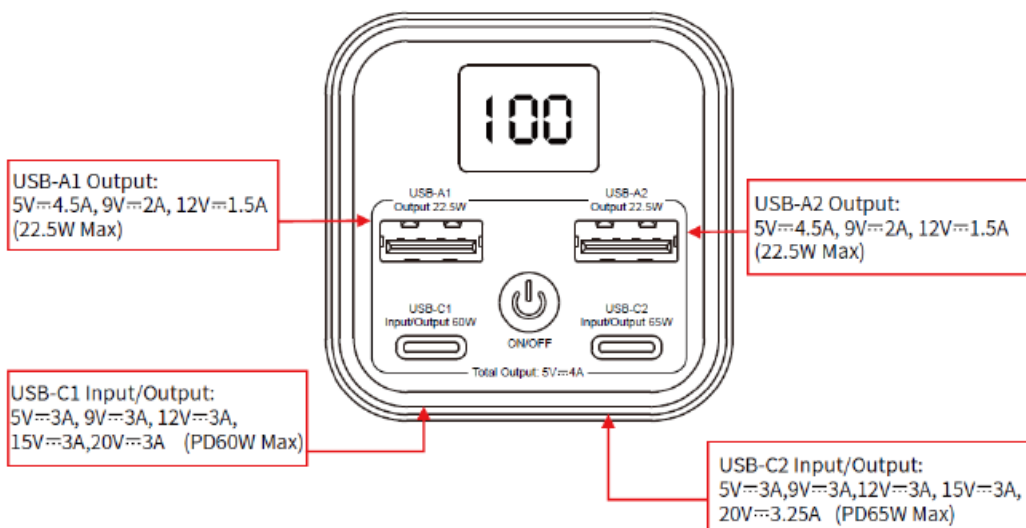


Charging hub with 65watts of power per port.

Rear View



PowerBank™



Care and Maintenance

- Follow facility protocols for electronic devices.
- Keep the cabinet exterior clean using a mild cleaner on a soft cloth.
- Interior service should be cleaned via compressed air once a month or as needed.

THIS IS NOT A TOY.

ALWAYS FOLLOW SAFETY INSTRUCTIONS.

	Caution
	Notice

	Danger
	Warning

THE ELECTRICAL SYSTEM IS DESIGNED TO HANDLE A MAXIMUM OF 400 WATTS. If wattage exceeds 400W at one time, charging system may not operate correctly.



- ALWAYS move the cabinet slowly and be aware of your surroundings.
- Repairs should always be performed by a qualified electrician.
- Set the power switch to OFF position before you unplug the unit from the wall, plug the unit into the wall, or plug in devices.
- Do not alter the construction or design. Do not remove safety labels from devices.
- Do not use this product around flammable or combustible materials.

DO NOT block fan or Mont Annonin



DO NOT use an extension cord with this unit.



DO NOT touch any part of the electrical system while plugged in.



DO NOT allow children to move or climb.



DO NOT over extend the



This charging cabinet is not approved and/or certified as a medical device.

For warranty claims, please have the following information ready, then visit www.powertechnologies.com to create a help ticket.

- Serial Number

- Charging System
- Type
- Date Of Purchase
- Reseller Name


42035 Zevo Drive Temecula, CA 92590

- [888-650-4488](tel:888-650-4488) |
- www.powertechnologies.com
- PT-PowerVault Manual_Rev2024-revAO

For further information on this product and others, contact Power Technologies at

- Power Technologies
- 42035 Zevo Dr Temecula, CA 92590
- +1.888.650.4488
- support@powertechnologies.com
- www.powertechnologies.com

Documents / Resources

 <p>Power Technologies PowerVault™ PowerBank™ 10 UNIT BATTERY VAULT SYSTEM USER MANUAL</p>	<p>Power Technologies PowerVault 10-Unit Battery Vault System [pdf] User Manual PowerVault, PowerVault 10-Unit Battery Vault System, 10-Unit Battery Vault System, Battery Vault System, Vault System, System</p>
---	---

References

- [Secure & Reliable Charging Solutions by Power Technologies | Powering Your Success](#)
- [Secure & Reliable Charging Solutions by Power Technologies | Powering Your Success](#)
- [Support Ticket | Power Technologies | Powering Your Success](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.