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 ma
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
Warranty		12 Month Warranty

Specifications subject to change without notice.

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.
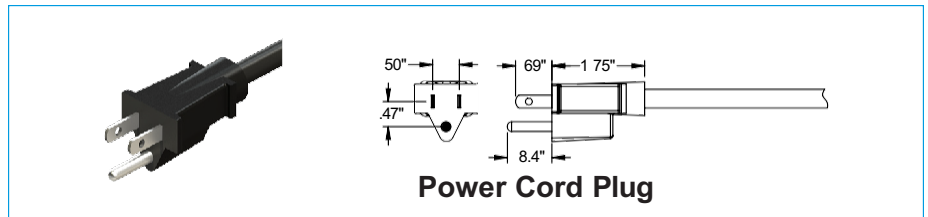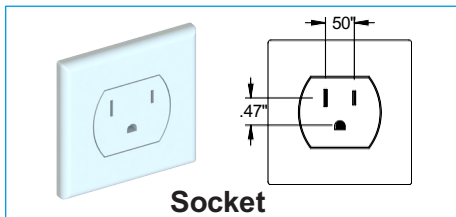
PowerVault Power Options

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
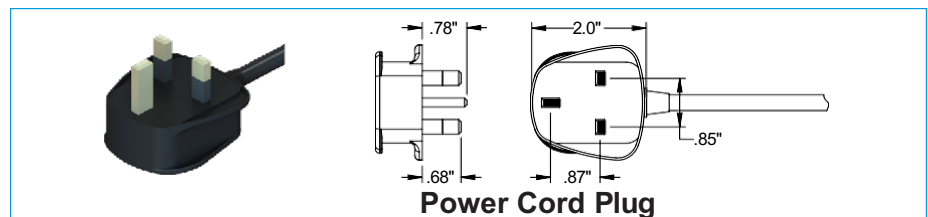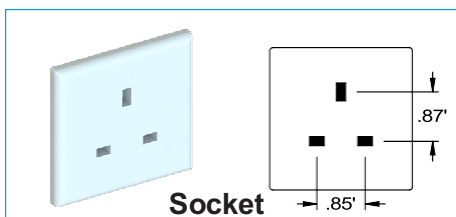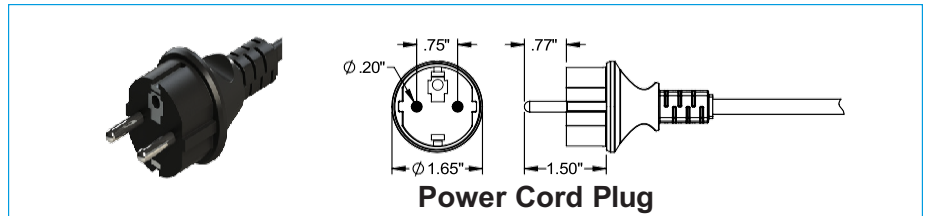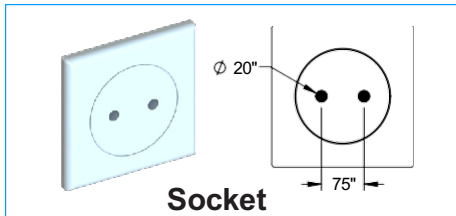
Socket

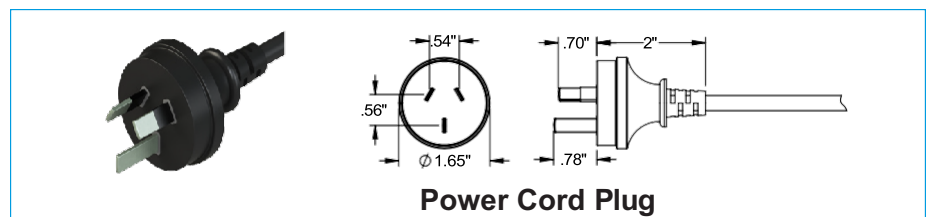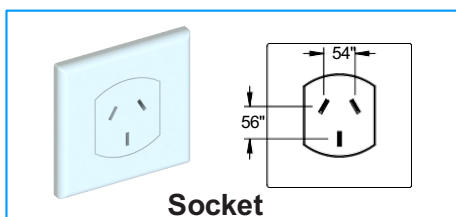**Power Cord Plug**

United Kingdom

Socket

Power Cord Plug

European

Socket

Power Cord Plug

Australian

Socket

Power Cord Plug

Switzerland Type-J

Socket

Power Cord Plug

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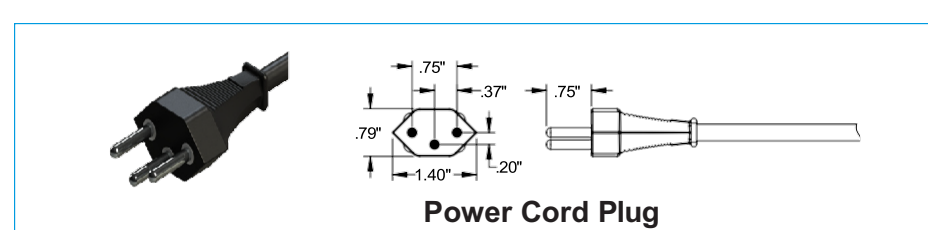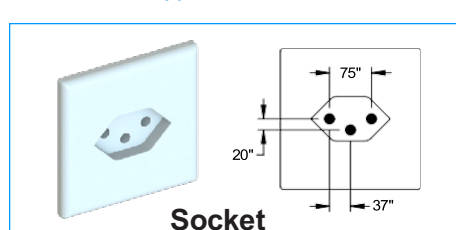
PowerVault™ is designed to manage and charge 10 PowerBank LiOn batteries for charging personal devices. PowerVault is sold in three main packages.

1. PowerVault (cabinet only)
    a. PowerVault-10 -10 Bay Secure Battery Charging Cabinet.
2. PowerVault with 5 PowerBank Batteries.
    a. PowerVault-10/5 - 10 Bay Secure Battery Charging Cabinet w/ 5 Power Bank Batteries.
3. PowerVault with 10 PowerBank Batteries.
    a. 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.
    o Charging hub with activate and send power to batteries.
    o Battery software will manage charging rate and levels.
    o Battery charge level will be displayed on the battery LCD screen.

Product Information

Front View

Battery Slots

Door with Key lock

Top View

Keyed access panel to charging hub.

Charging hub with 65watts of power per port.

Rear View

Main on/off

Power Cord Port

PowerBank™

USB-A1 Output:
5V⎓4.5A, 9V⎓2A, 12V⎓1.5A
(22.5W Max)

USB-A2 Output:
5V⎓4.5A, 9V⎓2A, 12V⎓1.5A
(22.5W Max)

USB-C1 Input/Output:
5V⎓3A, 9V⎓3A, 12V⎓3A,
15V⎓3A,20V⎓3A   (PD60W Max)

USB-C2 Input/Output:
5V⎓3A,9V⎓3A,12V⎓3A, 15V⎓3A,
20V⎓3.25A   (PD65W Max)
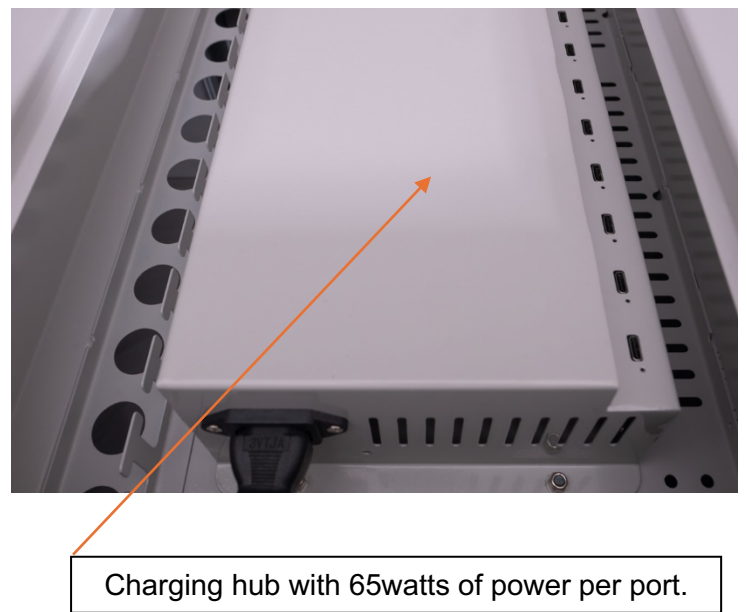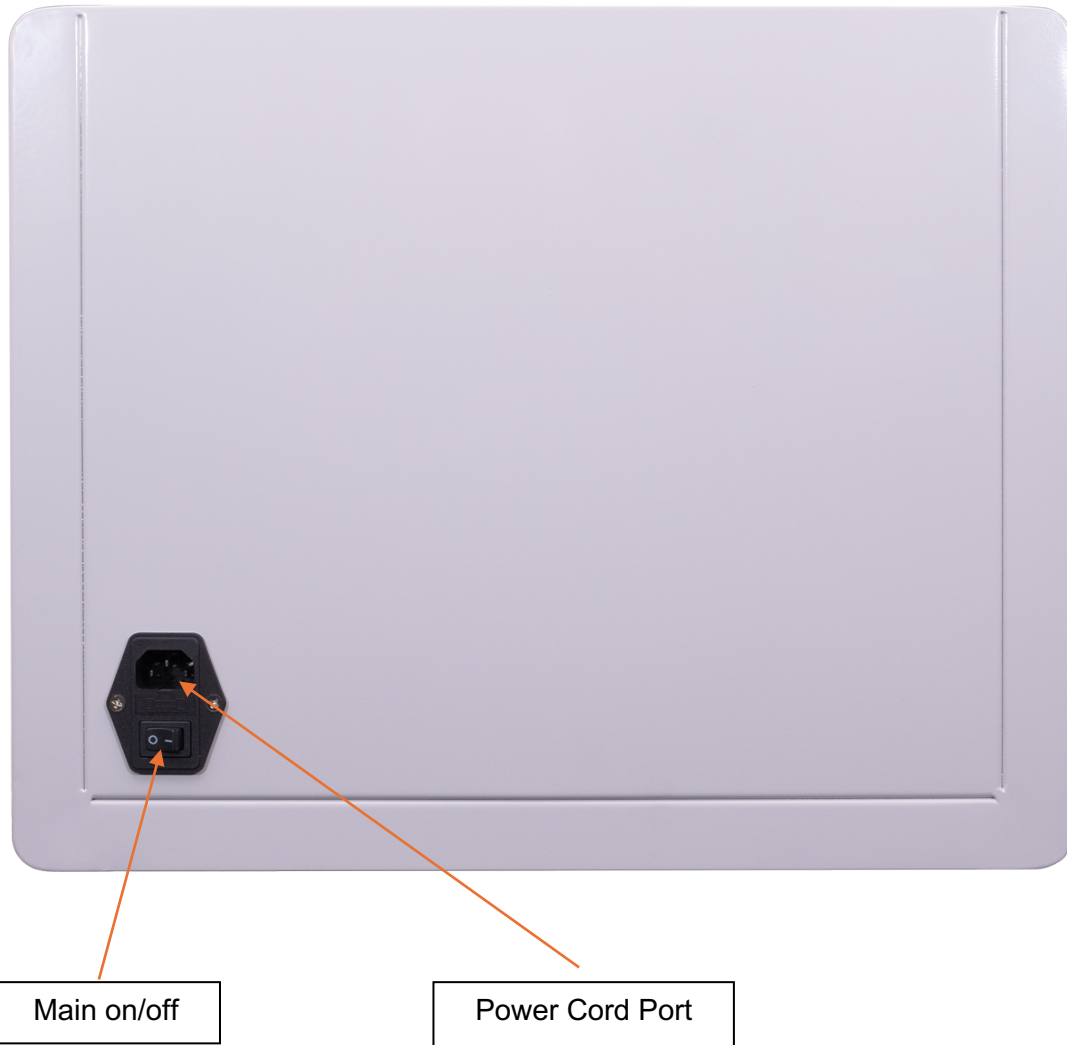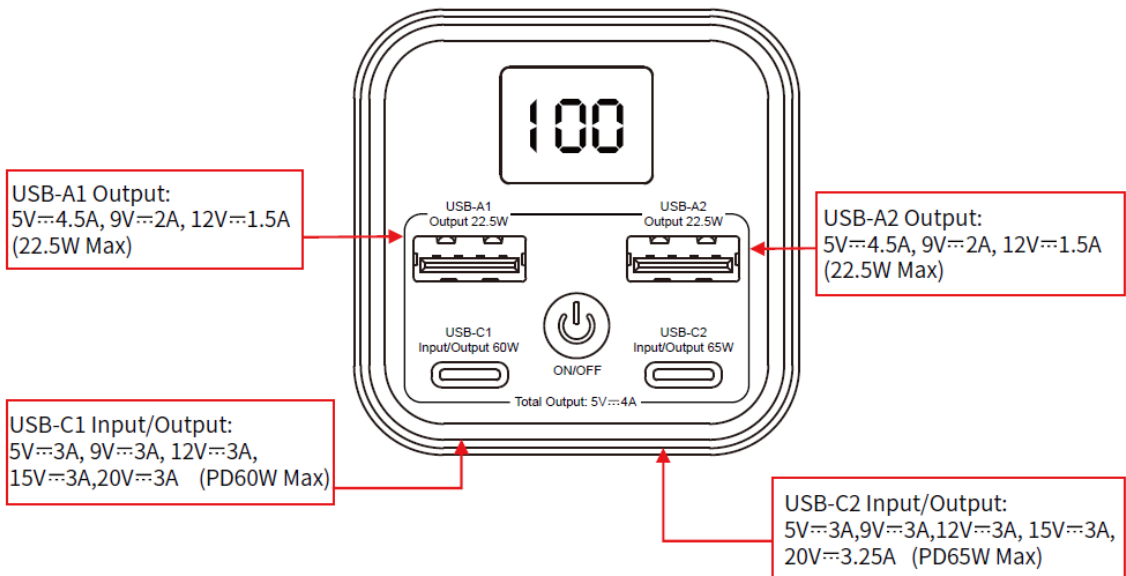
Care and Maintenance:

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.

	Caution
	Notice

THIS IS NOT A TOY.
ALWAYS FOLLOW SAFETY INSTRUCTIONS.

	Danger
	Warning

⚠ DO NOT place liquids on or near the cabinet.

⚡ **Important**

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.

⚠ Don't connect the cart with broken electrical components.

- 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 vent opening

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:

PO Number:

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

⚠ DO NOT use an extension cord with this unit.

DO NOT allow children to move or climb.

DO NOT over extend the power cord

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

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