Power Technologies™

AC-COMP-16

16 BAY CHARGING CABINET
USER MANUAL

Product Information

Designed to charge, store and transport up to 16 Chromebooks, laptops or tablets up to 14 inches.

Specifications:

Model		AC-COMP-16
Cart Dimensions	**Inch**	14.5 (H) x 24 (W) x 16.5 (D)
	mm	368 (H) x 610 (W) x 419 (D)
Shelf Dimensions	**Inch**	14.5(D) x 11(H) & Divider Spacing: 1
	mm	368 (D) x 279(H) & Divider Spacing: 25
Product Weight (Without Devices)		37 lbs (16.78 kg)
Shipping Weight		40 lbs (18.14 kg)
Capacity		16 Bays (2 Cabinet, 8 bays/Cabinet)
Supported Devices		Devices up to 14 inch (356 mm)
Power Specifications (For carts sold within North America)		AC IN/ Power Strip: 110V AC, 50/60Hz, 10A Maximum power: 1400W
Power Specifications (For carts sold outside North America)		AC IN/ Power Strip: 100-240V AC, 50/60Hz, 10A Maximum power: 2400W
Charging Type		Basic Charging
Security		Top Door Keyed Lock, Front Door (Padlock Not Included)
Mounting Type		This product can be either wall-mounted or placed on a desktop.
Work Platform Loading		55.1 lbs (25 kg)
Shelf Loading (ea.)		110.2 lbs (50 kg)
Adapter Shelves Loading (ea.)		6.6 lbs (3 kg)
Working Temperature		0°- 30°c
Working RH%		10% - 90%
Storage Temperature		-40°- 60°C Temp
Storage RH%		5% - 95%
Warranty		Lifetime Frame, 2 Years Components, 2 Year Electronics

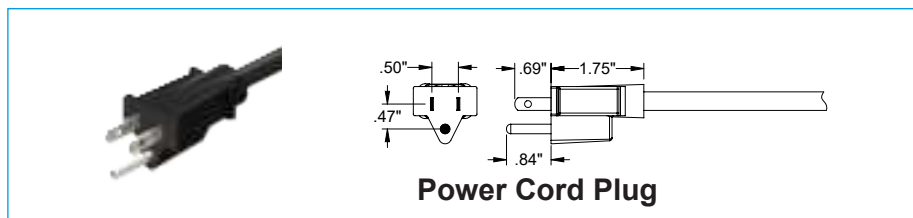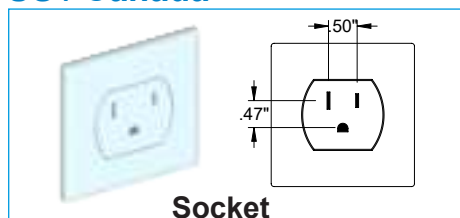Specifications subject to change without notice.

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.
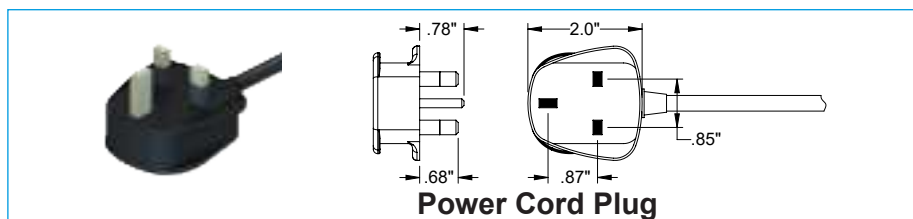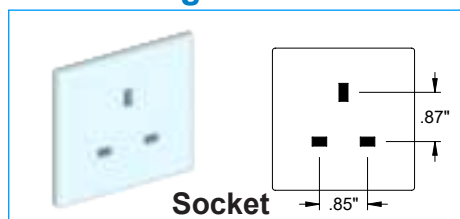
MODEL# AC-COMP-16

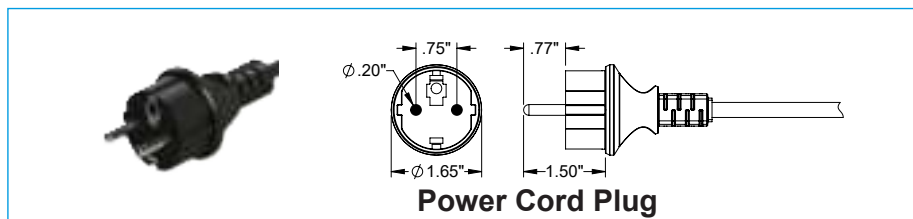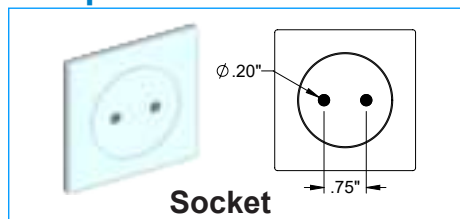| SKU	DESCRIPTION
AC-COMP-16	AC-COMP-16, 16 Bay, Basic Charging Cabinet - 110V NA (Legacy Number)
CAB-CMP-B16L-D	AC-COMP-16, 16 Bay, Basic Charging Cabinet - 110V NA
CAB-CMP-B16L-E	AC-COMP-16, 16 Bay, Basic Charging Cabinet - 220V EU
CAB-CMP-B16L-U	AC-COMP-16, 16 Bay, Basic Charging Cabinet - 220V UK
CAB-CMP-B16L-A	AC-COMP-16, 16 Bay, Basic Charging Cabinet - 240V AU
CAB-CMP-B16L-S	AC-COMP-16, 16 Bay, Basic Charging Cabinet - 220V SW

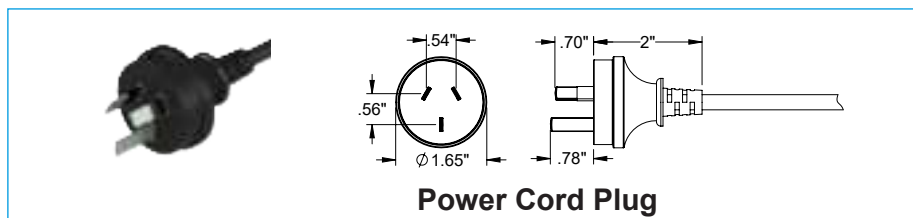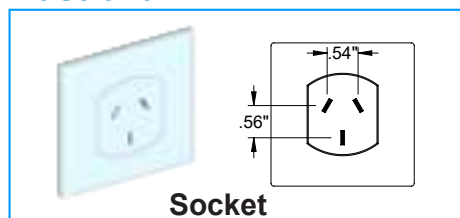## Power Cords and Sockets for Specific Region:

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
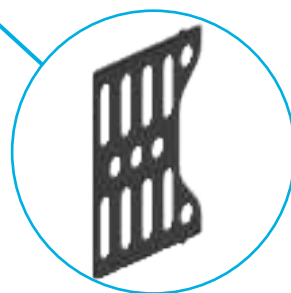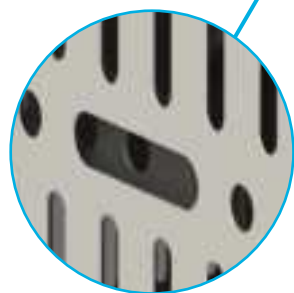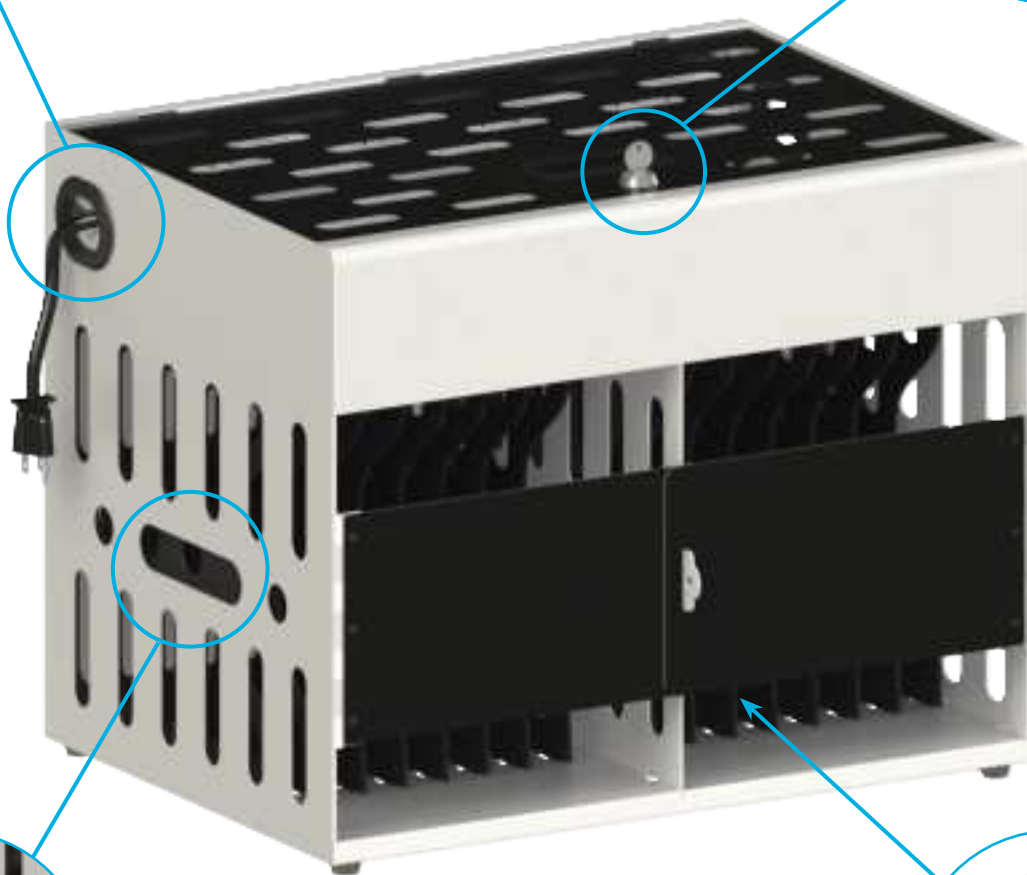
Socket

Power Cord Plug
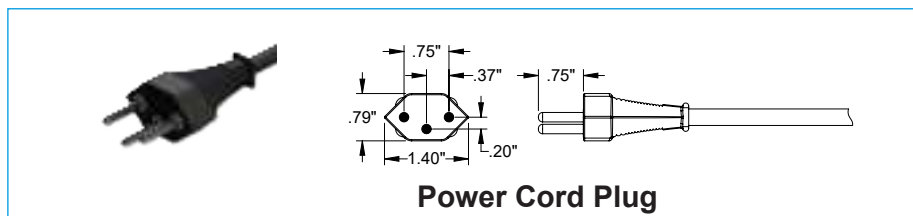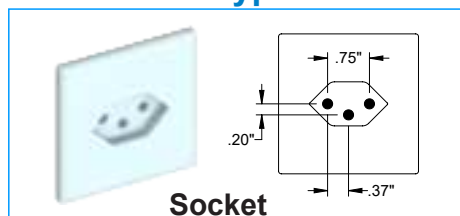
The AC-COMP-16 is designed to charge and store up to 16 Chromebooks or tablets.

NOTE: Please review this guide before installing devices and to learn how to safely use your cabinet.

Power Plug Outlet Holes
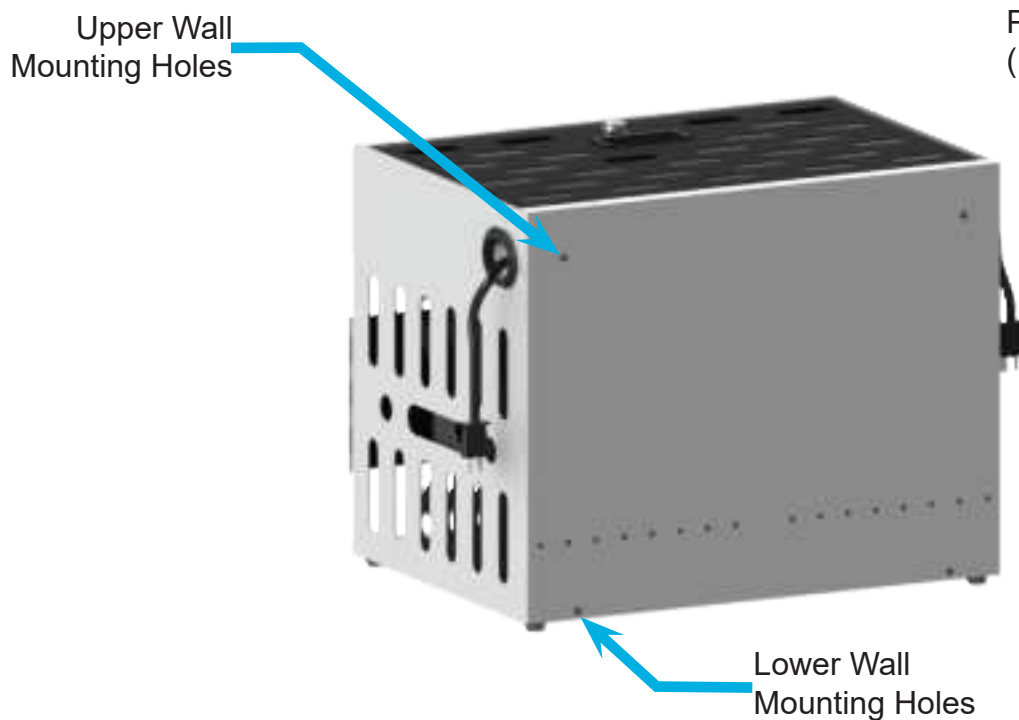(Both Sides)

Keyed Top Panel Lock

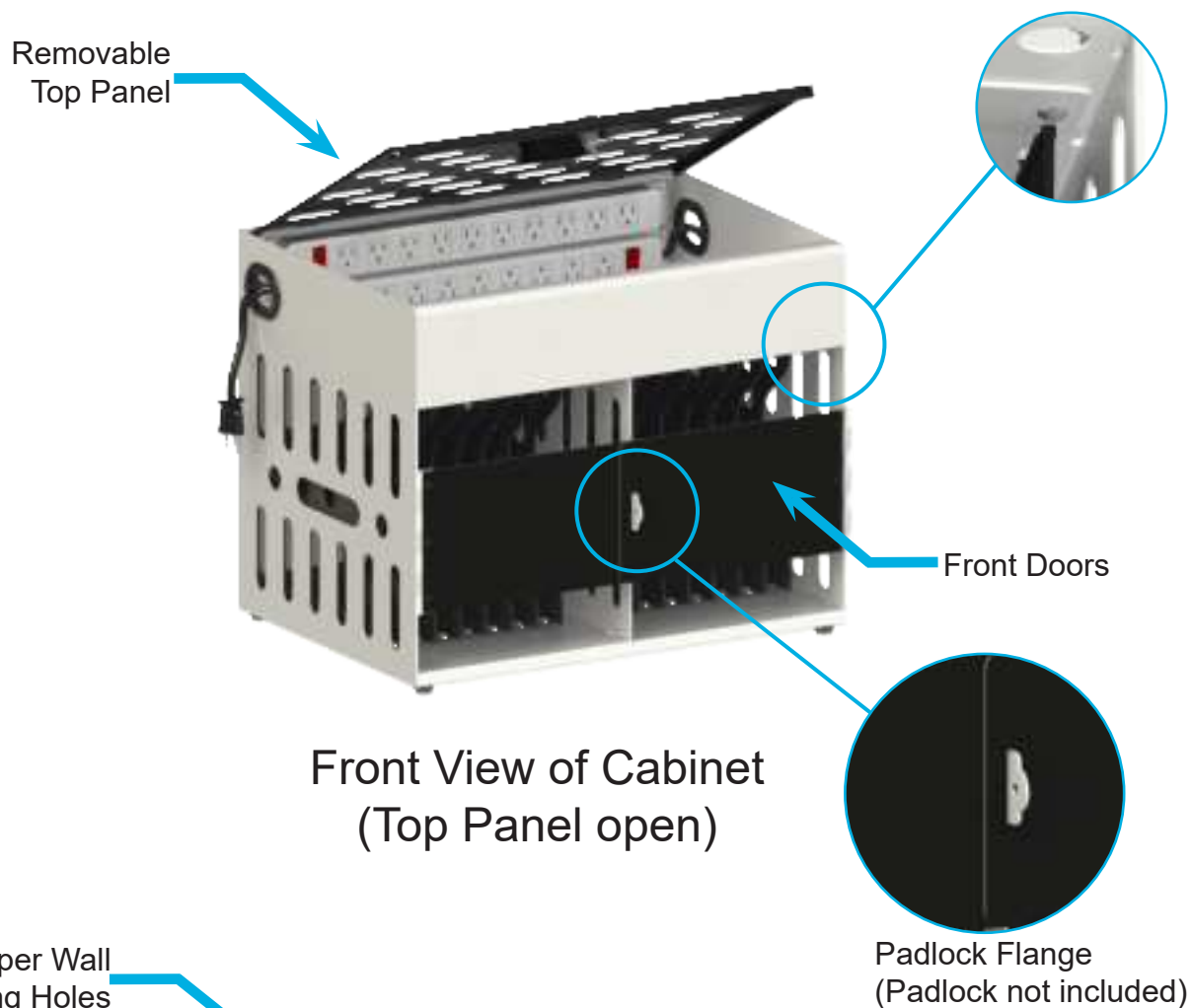Carry Handle

Removable Dividers

Front View of Cabinet

The AC-COMP-16 is designed to charge and store up to 16 Chromebooks or tablets.

Removable
Top Panel

Front Doors

Front View of Cabinet
(Top Panel open)

Padlock Flange
(Padlock not included)

Upper Wall
Mounting Holes

Lower Wall
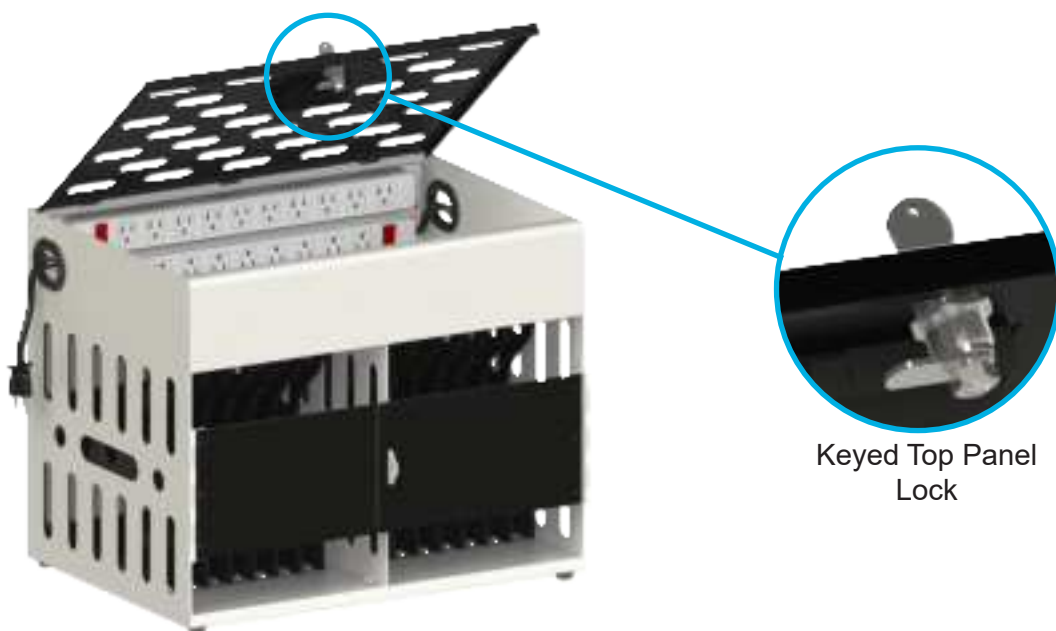Mounting Holes

Rear View of Cabinet

Mounting To A Wall

- The AC-COMP-16 is designed to be either placed on top of a desk or anchored to a wall and must be installed by a qualified technician. Before mounting, use a level and measure the mounting holes. Use appropriate fasteners (not included) to secure to the wall.

Warning:	The supporting surface must be able to safely support the combined load of the equipment and all attached hardware and components. Falling objects may cause serious injury.

- To access top mounting holes, unlock the Top Panel with the supplied Panel Key. Remove Top Panel by tilting up, then pulling outward.

Keyed Top Panel Lock

- Measuring the mounting holes, drill into wall based on placement, then screw into place.

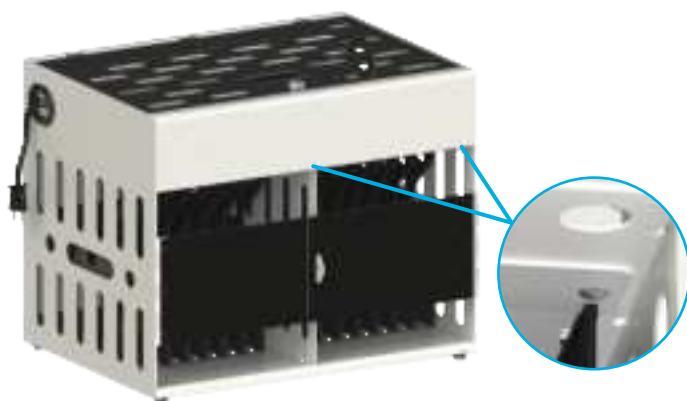Mounting Holes
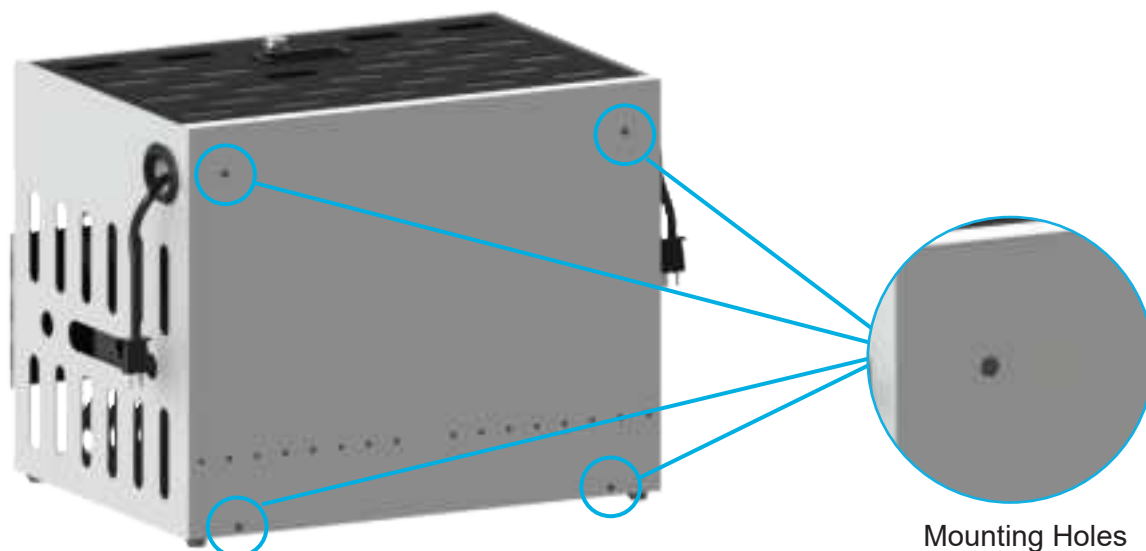
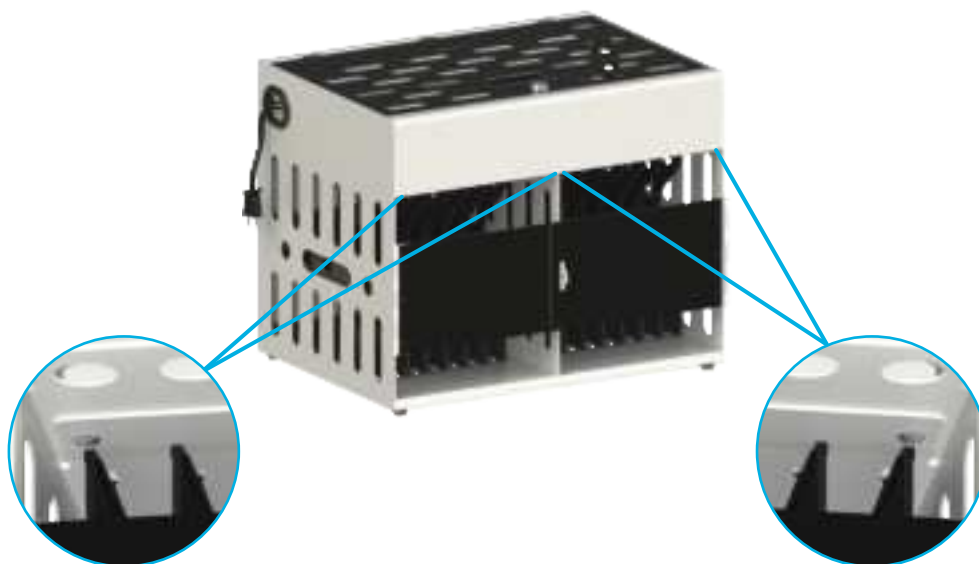**Step-1:** Using a ruler, measure your device.

Step-2: If your device is thicker than 1", locate & remove the thumbscrews by turning counter clockwise; 2 thumbscrews per side.

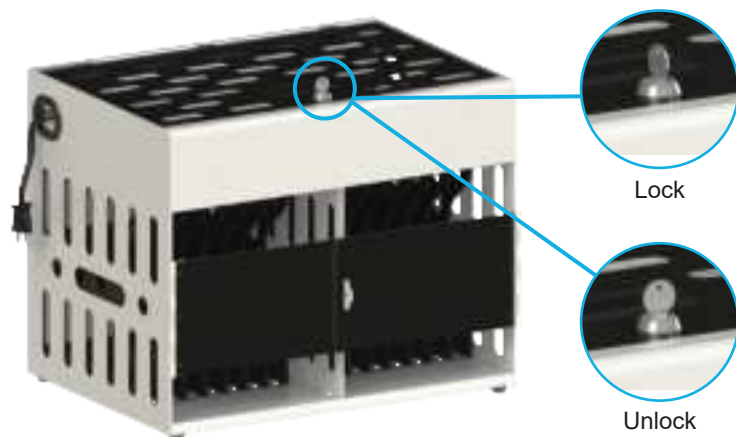**Step-3:** Remove Divider Retaining Strip, then remove Divider by pulling forward.

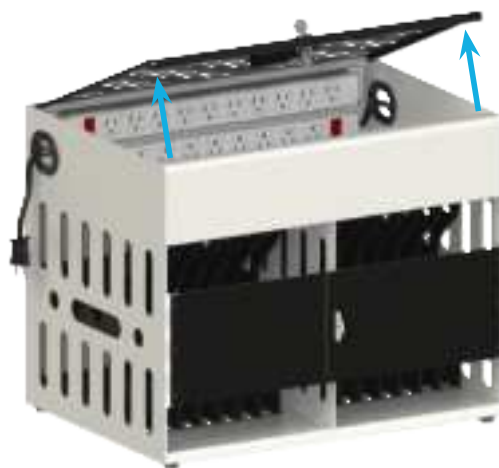**Step-4:** Re-install Divider Retaining Strip & all thumbscrews.

Step-1: Unlock the Top Panel Lock with the supplied Top Panel Key.

Step-2: Lift the Top Panel off by tilting up, then pulling outward.

Lock

Unlock

Step-3: Plug your device's AC adapters into Power Strips, then feed cables into each pass-thru hole located at the front of the cabinet.
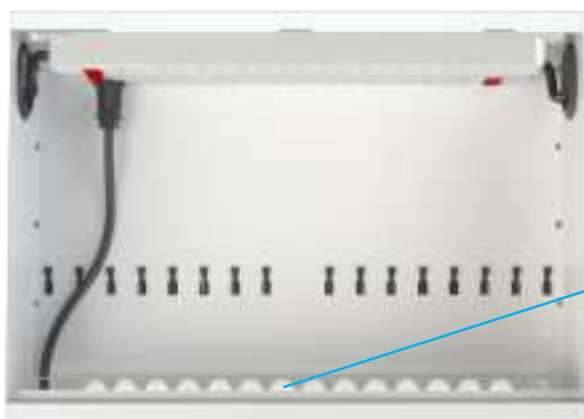
Hole Locations

Step-4: Estimating how long each cord should be to reach the device charge port, wrap each cable's excess around the 'T' shape pegs.

'T' shape pegs

THE ELECTRICAL SYSTEM IS DESIGNED TO HANDLE A MAXIMUM OF 15 AMPS.

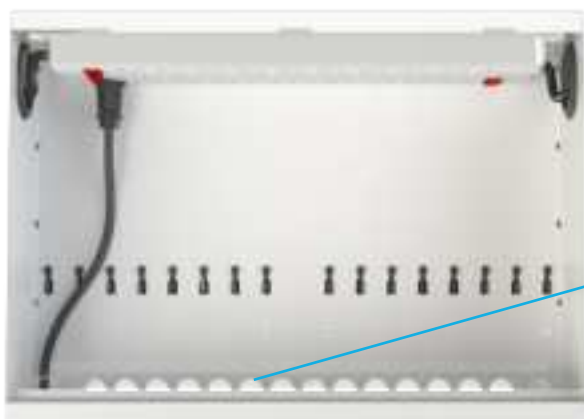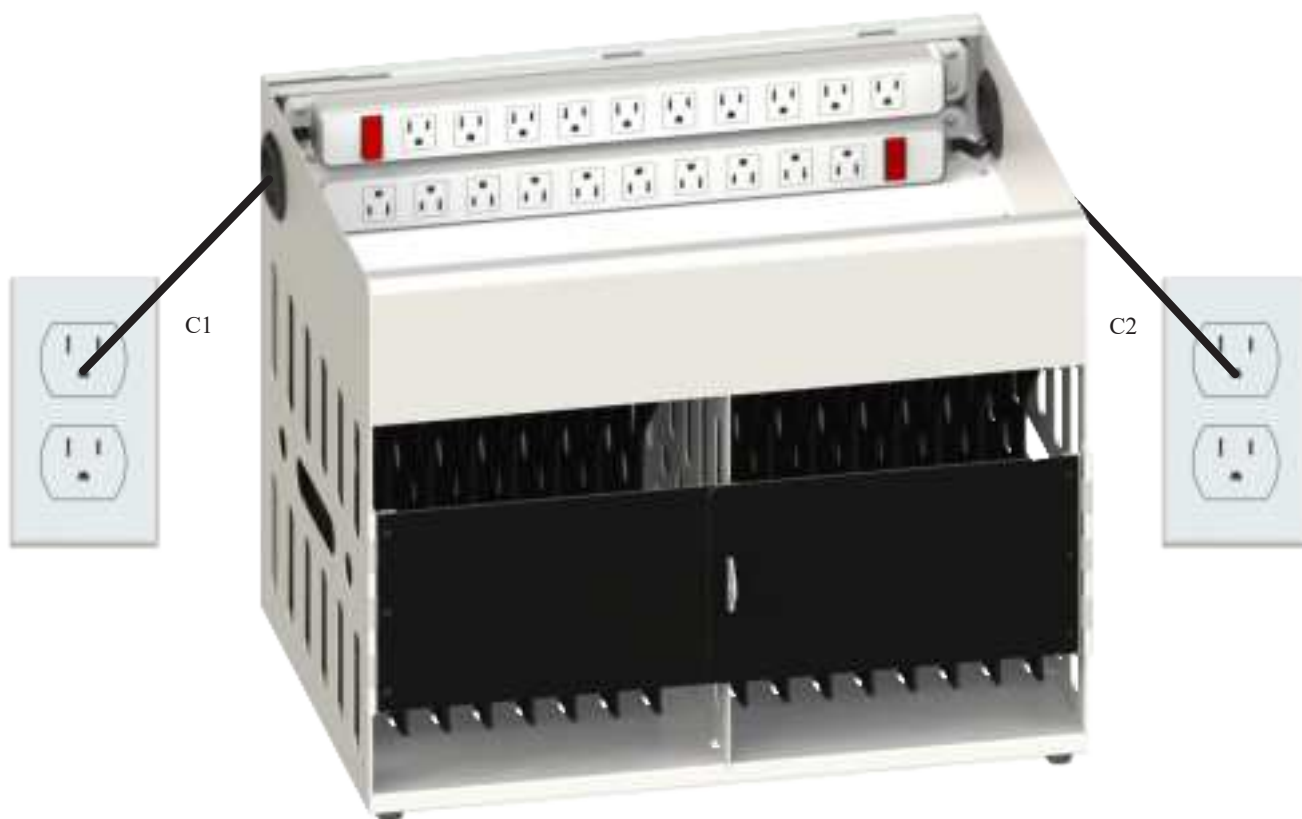- If your devices use 85 Watt AC Adapters or higher, you may need to reduce the total number of devices in order avoid overloading your circuit breaker. the total number of devices in order avoid overloading your circuit breaker.

C1   C2

Review your power adapter requirements:

NOTE:

If wattage exceeds 14 Amps or about 1400 Watts at one time, the charging system may not operate correctly.

Review your device's AC Adapter wattage, multiplying it by 16.

45 Watts x 16 Devices	720 Watts
85 Watts x 16 Devices	1360 Watts
95 Watts x 16 Devices	1520 Watts

Safety Instructions

Caution	
Notice	

**THIS IS NOT A TOY.
ALWAYS FOLLOW SAFETY INSTRUCTION.**

Danger	
Warning	

DO NOT place liquids on or near the cabinet.

Important

THE ELECTRICAL SYSTEM IS DESIGNED TO HANDLE A MAXIMUM OF 1500 WATTS per side. If wattage exceeds 1500W at one time, charging system may not operate correctly. Remove devices until the total wattage is under 1500W.

Don't connect the cart with broken electrical components.

- ALWAYS move the cabine slowly and be aware of our surroundings.
- Used or broken bulbs should be disposed of in accordance with all applicable disposal laws.
- Repairs should always be performed by a qualified electrician.
- Set the power switch to the OFF position before you unplug the unit from the wall, plug the unit into the wall, or plug in devices.
- Do not touch bulbs or ballasts.
- Do not alter the construction or design. Do not remove safety labels or devices.
- Do not use this product around flammable or combustible materials.

DO NOT block fan or vent opening

DO NOT use an extension cord with this unit.

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 allow children to move or climb.

DO NOT over extend the power cord

Troubleshooting

TROUBLE	Indication	Possible Cause	How to check	Where to check	Remedy
Devices are not charged	No visible indication	Power cord failure	• Open the top panel door and locate the 2 horizontal mounted Power Strips. • Verify each switch is in the "RESET" position, not the "OFF" position. • Using an extension cord, test each Power Strip by unplugging each cord from the charging system and plugging them into the extension cord.		Replace the power cord if found faulty
Overload Circuit	Charging System not Operating correctly	Wattage exceeds 10 Amps/1400 Watts	• Verify maximum load of all devices is under 1400 watts if plugged into the same outlet.		Remove Devices and re-plugged in
Devices are not charging	Laptop power Input LED not Flashes	Power Cords are not connected into the sockets firmly.	• Check the left & right main power cords properly connected to functional outlets. • Remove power cord and plug in a PC monitor style IEC Power Cord.	Check the C1 & C2.	If one or more Power cords are damaged or no longer works, replace as needed

Plug in both Left and Right side power cords:

C1

C2
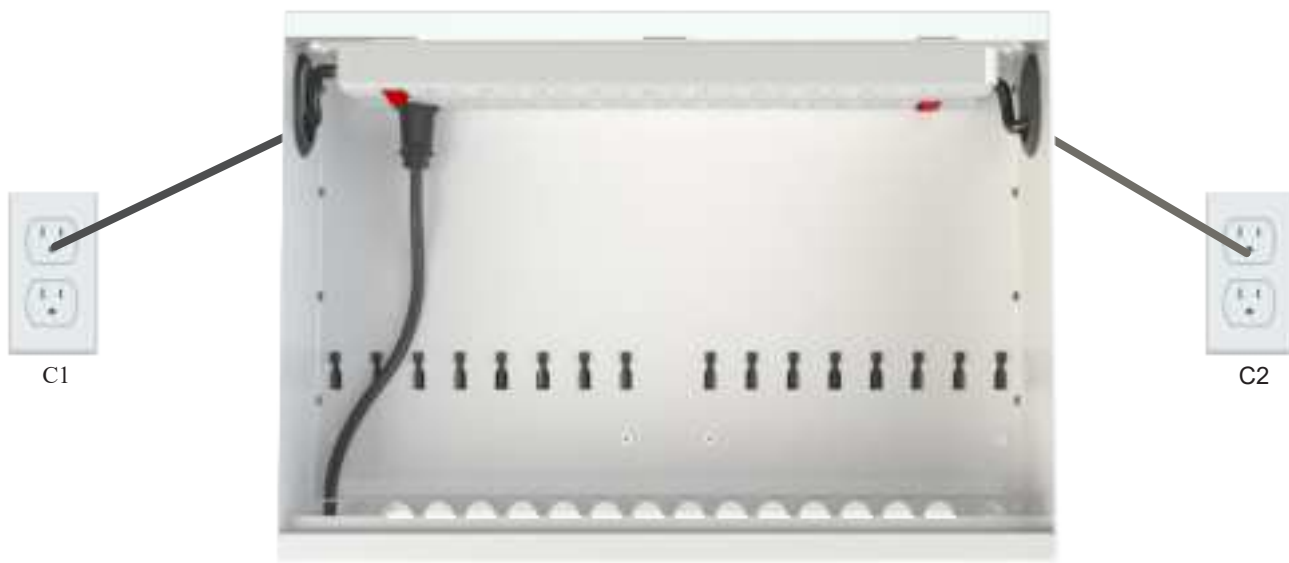
For further information on this product and others, contact Power Technologies at.

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www.powertechnologies.com