Power Technologies

PT-SYNC™
User Manual

36 Bay Secure USB-C Charge & Sync Cart

English

INTRODUCTION

Thank you for choosing the PT-SYNC™ Charging Cart by Power Technologies®. This cart is purpose-built to help industry professionals manage large fleets of devices with ease. With integrated sync and charge functionality, Intelli-Sense Smart USB-C technology, and durable, mobile design, the PT-SYNC streamlines deployment and storage of up to 36 devices in education and enterprise environments.

The pre-wired configuration and intuitive features allow for fast setup and reliable performance—making it the ideal solution for organizations that require consistent device readiness and secure storage.

Key Features

The PT-SYNC includes an Intelli-Sense Smart USB-C charge and sync system with an output power of 27 watts per port, supporting PD3.0 charging protocol. It offers data transfer rates of up to 480 Mbps, making it ideal for syncing large volumes of data quickly. The cart arrives pre-wired for immediate use and features integrated cable management with clips to keep cords organized and secure. Adjustable device dividers provide flexibility for various device sizes, while a secure 3-point locking door with a padlock loop ensures added protection. For mobility, the cart is equipped with 5-inch swivel, directional, and locking casters. LED charging and sync indicators on the SYNC module provide clear status at a glance—devices that require charging will automatically begin charging, and a blinking RED LED light on the module's USB port signals that charging is in progress. It ships fully assembled, excluding the handle, and is backed by a lifetime frame warranty.

Cart Overview

The front of the cart features a keyed door lock latch and an ergonomic push handle, which requires minimal installation. Inside, the adjustable dividers help organize and separate devices while allowing cables to pass through easily. The rear panel houses three USB sync modules, an external USB-B sync port for host devices, and external power outlets for added convenience. Casters on the base include both directional and lockable swivel wheels to ensure smooth movement and stability. The AC input supports 120-240V at 60Hz with a maximum output of 10 amps.

> ## ⚠ WARNING
>
> This unit is designed for safe use when operated as intended. It is not a toy—only adults should operate or move it. Never allow children to climb or interact with the cart. Move it slowly and keep doors latched. Do not pull it by the power cord or roll it over cables. Keep liquids away. Ensure the total wattage stays below 1875W to avoid malfunction. Turn off the power switch before plugging or unplugging. Do not use extension cords, and avoid use if any components are damaged. Repairs must be done by a qualified electrician. Remove any items from the top before moving the cart.

CONTENTS

01.

PRODUCT INFORMATION

PRODUCT INFORMATION

Specifications: PT-SYNC™

Exterior Dimensions	Inch	44 (H) x 22 (W) x 23.6 (D)
	cm	111.7 (H) x 55.8 (W) x 59.9 (D)
Shelf Dimensions	Inch	10.6 (H) x 19.4 (W) x 14.3 (D); Divider spacing: 1.18" (H)
	cm	27.1 (H) x 49.2 (W) x 36.3 (D); Divider spacing: 2.99 cm (H)
Product Weight		179 lbs (81.1 kg)
Shipping Weight		199 lbs (90.2 kg)
Capacity		36 bays (3 shelves, 12 bays/shelf)
Supported Devices		Max Device Size: 10.5" x 14.4" (26.6 cm x 36.5 cm)
Power Specifications (Sold within North America)		AC IN/ Power Strip: 110V AC, 50/60Hz, 10A Maximum power: 1400W
Power Specifications (Sold outside North America)		AC IN/ Power Strip: 110-240V AC, 50/60Hz, 10A Maximum power: 2400W
Charging Type		Intelli-Sense Smart Charging & Sync
Security		Front door 3 point mechanism with lock hole
Casters		Four 5 inch (127 mm) Casters; 2-Locking, 2- Directional
Shelf Loading (ea.)		110.2 lbs (50kg)
Working Temperature		0° – 30℃
Working HR%		10% - 90%
Storage Temperate		-40°- 60℃
Storage RH%		5% - 95%
Warranty		Lifetime Frame, 2 Years Components, 2 Years Electronics

PRODUCT INFORMATION

Model #: PT-SYNC™

| SKU	Description
PT-SYNC	PT-SYNC, 36 Bay Secure Charging Cart - 110V NA (Legacy Number)
CRT-SLM-S36L-H65C-N	PT-SYNC, 36 Bay Secure Charging Cart - 110V NA
CRT-SLM-S36L-E-H65C-N	PT-SYNC, 36 Bay Secure Charging Cart - 220V EU
CRT-SLM-S36L-U-H65C-N	PT-SYNC, 36 Bay Secure Charging Cart - 220V UK
CRT-SLM-S36L-A-H65C-N	PT-SYNC, 36 Bay Secure Charging Cart - 240V AU
CRT-SLM-S36L-S-H65C-N	PT-SYNC, 36 Bay Secure Charging Cart - 220V SW

PRODUCT INFORMATION
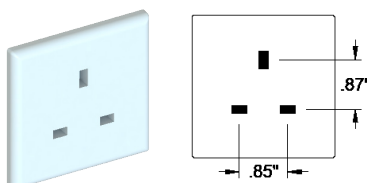
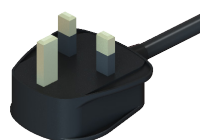## Power Cords and Sockets for Specific Region:
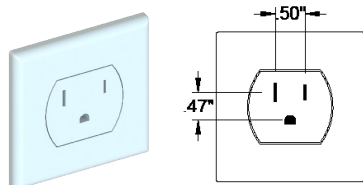
US/Canada Connection
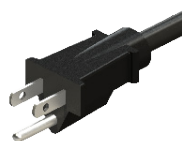
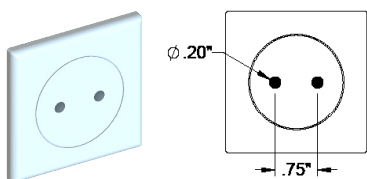

Socket

Power Cord Plug

United Kingdom Connection
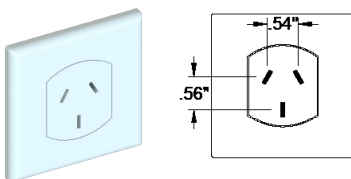

Socket

Power Cord Plug

European Connection
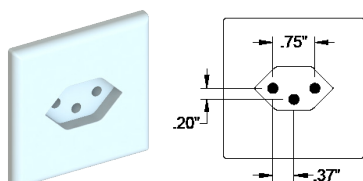

Socket

Power Cord Plug

Australian Connection

Socket

Power Cord Plug
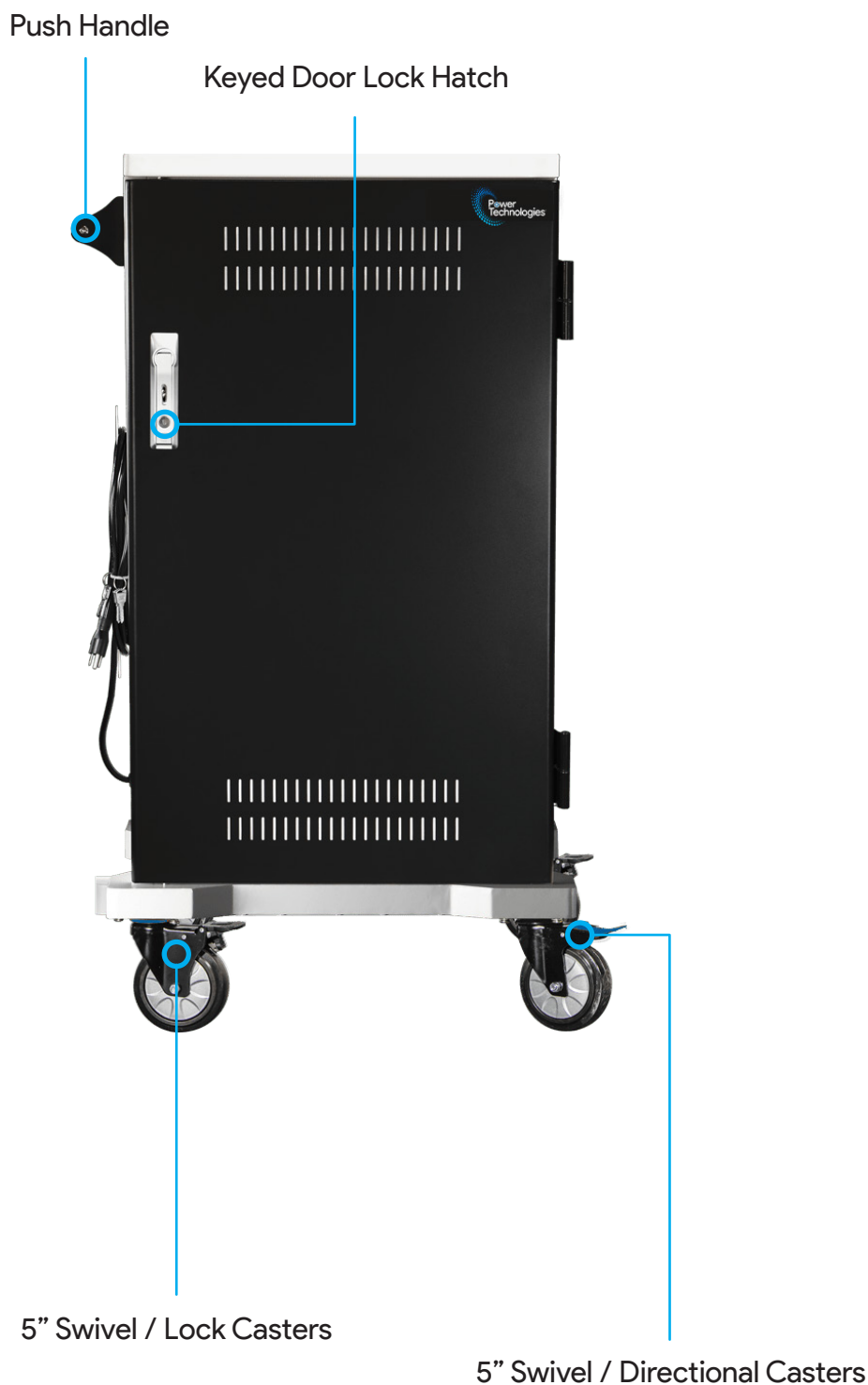
Switzerland (Type-J) Connection

Socket

Power Cord Plug

PRODUCT INFORMATION

PT-SYNC™ Highlights

The PT-SYNC™ USB-C Charging Cart is designed to charge and store up to 36 devices.
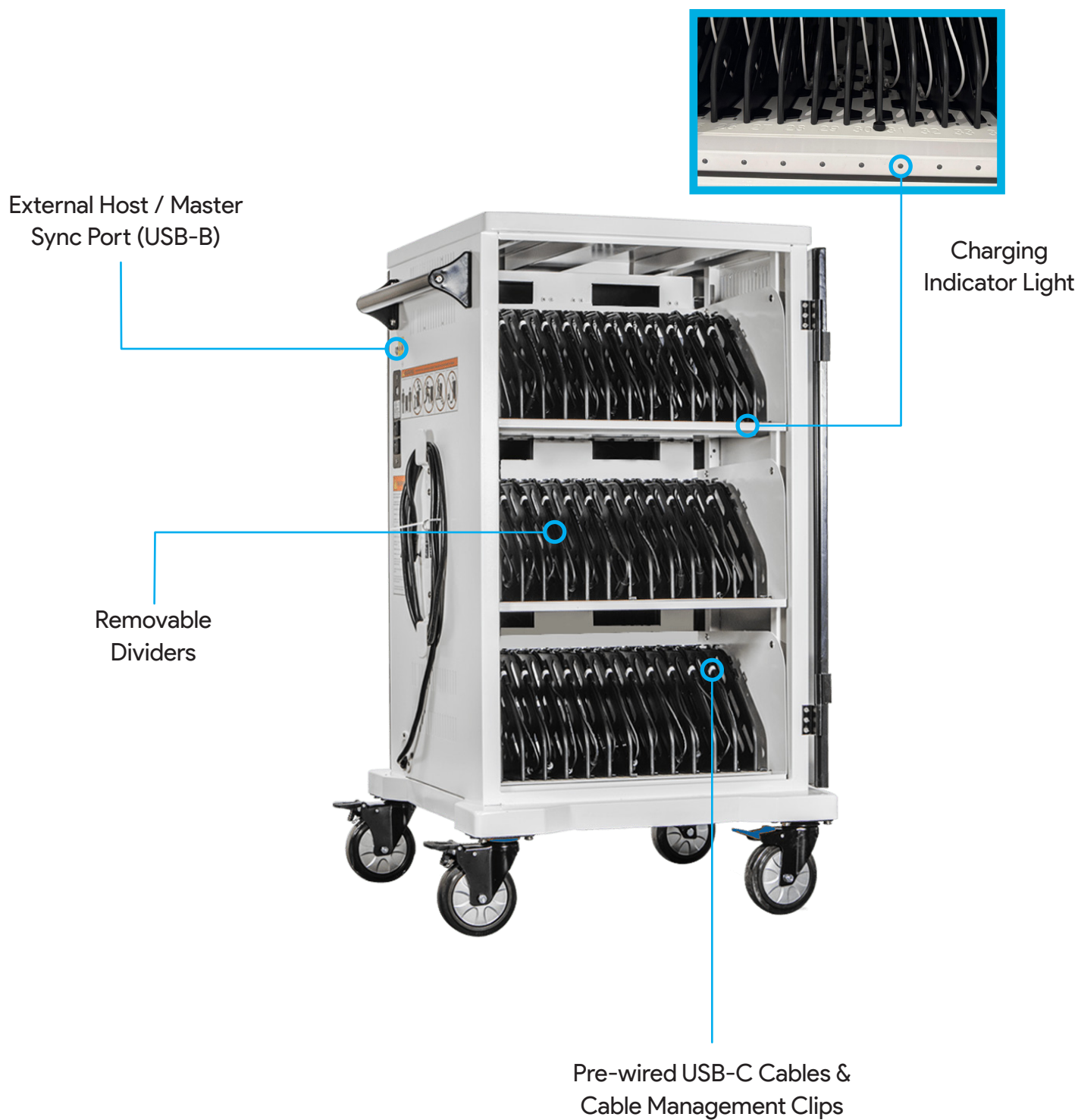**Note:** Review this guide before installing devices and to learn how to safely use your cart.

Push Handle

Keyed Door Lock Hatch

5" Swivel / Lock Casters

5" Swivel / Directional Casters

Front View of Cart (Closed)

PRODUCT INFORMATION

PT-SYNC™ Highlights

External Host / Master
Sync Port (USB-B)

Charging
Indicator Light

Removable
Dividers

Pre-wired USB-C Cables &
Cable Management Clips

Front View of Cart (Open)

PRODUCT INFORMATION

PT-SYNC™ Highlights

External Power Outlet

Device Cord Pass Through

USB Sync Module

Main Power Supply

Power Input
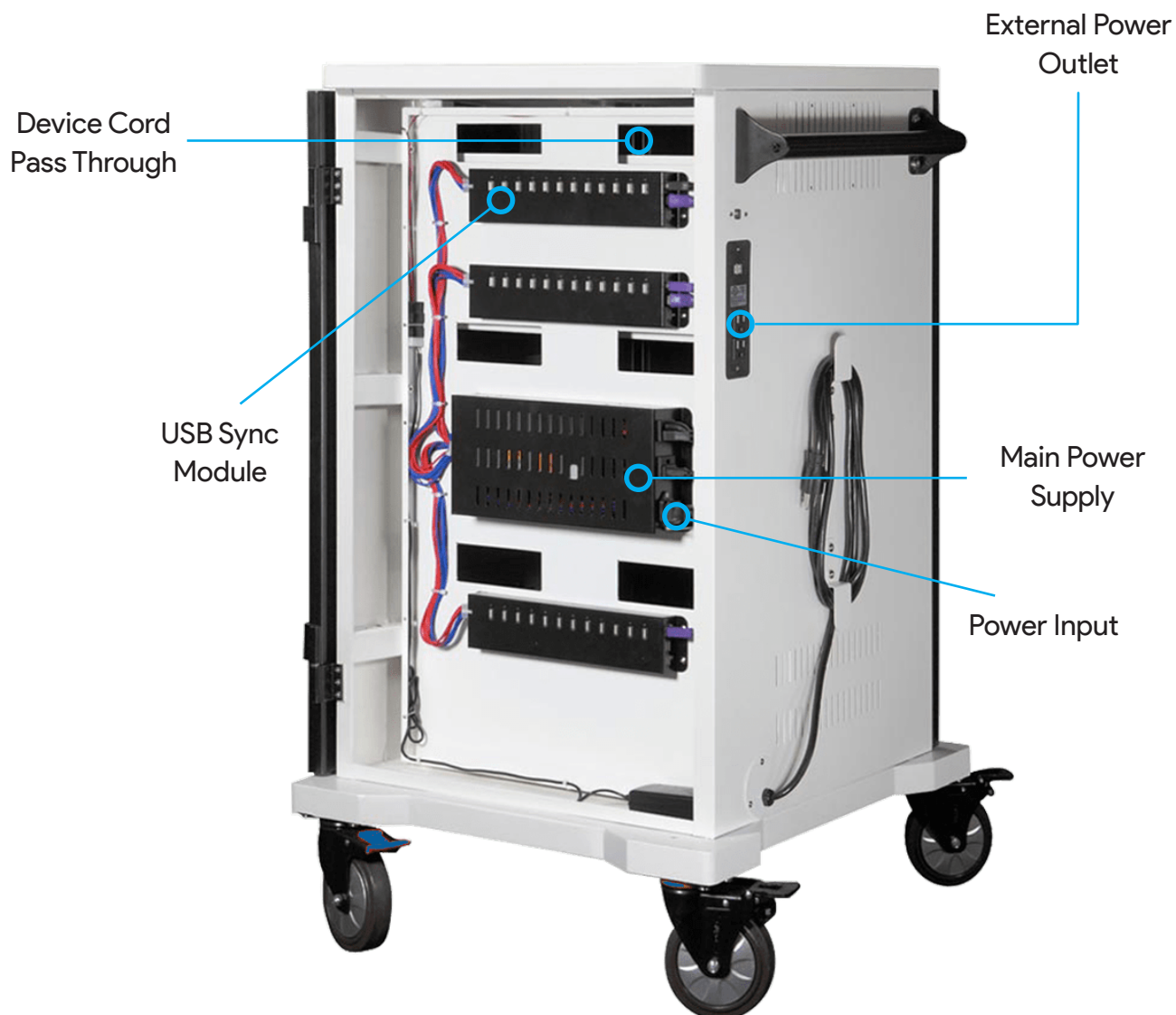
Rear View of Cart (Opened)

02.

INSTALLATION INSTRUCTIONS
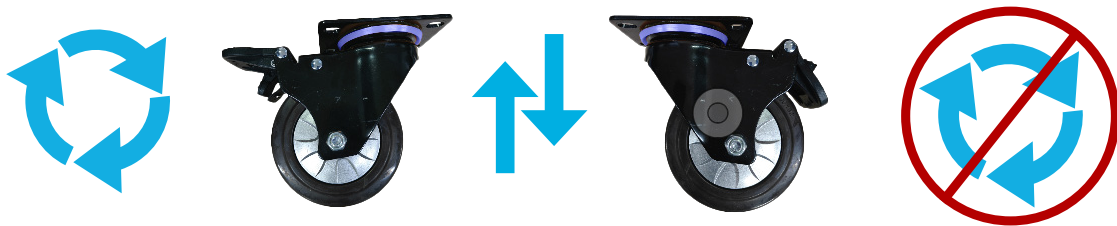
LOCK & STEER CASTERS

Power Technologies charging carts are equipped with four independent swiveling casters, allowing for smooth and easy transport from any position.

- The two lock casters, identified by black pedals, can be engaged to prevent the cart from moving
- The two steer casters, marked with blue pedals, can be locked to restrict swivel motion, helping the cart move in a straight line.

To ensure safety and reduce the risk of injury, it is recommended to engage the lock casters whenever the cart is stationary.

Lock Caster Instructions

When the lock casters are engaged, the cart cannot be moved. Press down on the black pedal to lock and lift up to unlock.


Steer Caster Instructions

When the steer casters are engaged, cart will easily move in a straight line; ideal for pushing down a hallway or along a straight path.

When unlocked, the casters can rotate 360 degrees, allowing the cart to turn in any direction. This is useful for maneuvering in tight spaces or changing direction quickly.

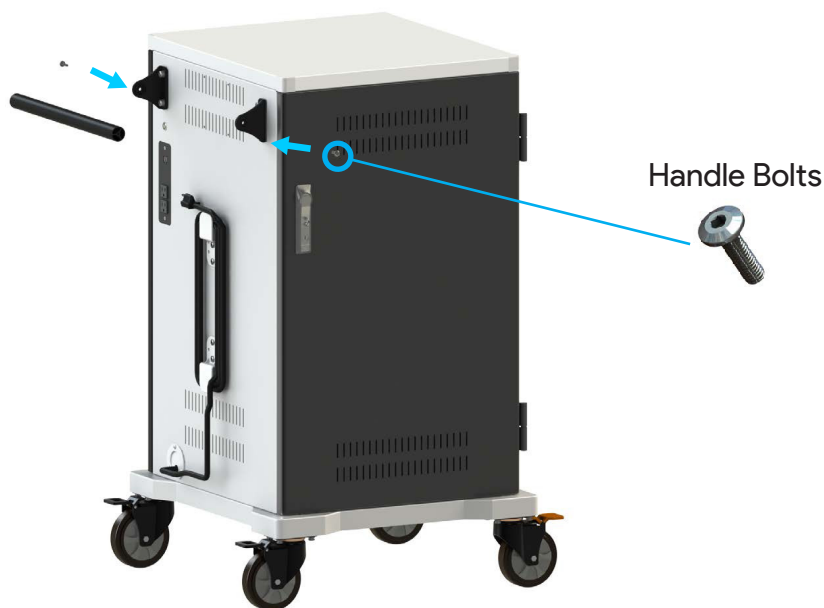Press down on the blue pedal to lock steer casters and lift up to unlock.
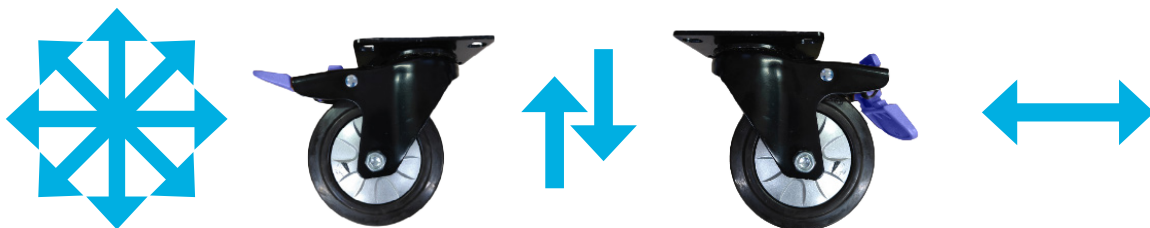
INSTALLING THE HANDLE

Locate the narrow cardboard box containing the handle rod, handle bolts, mounting brackets & hex wrenches.

On top of the cart, locate the threaded holes for the handle.

Handle Bolts

Using the larger hex wrench, attach and tighten both the left and right side handle mounting bracket to the top of the cart using 4 large bolts.

Fit the handle rod between the bracket and tighten using the smaller hex wrench and handle bolts.
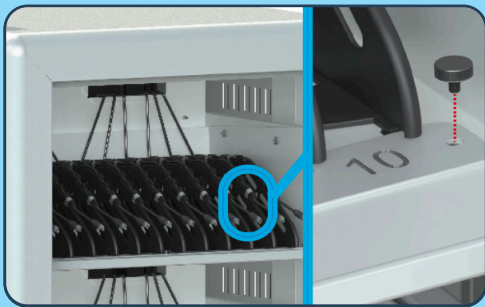
SETTING UP DEVICES (FRONT)

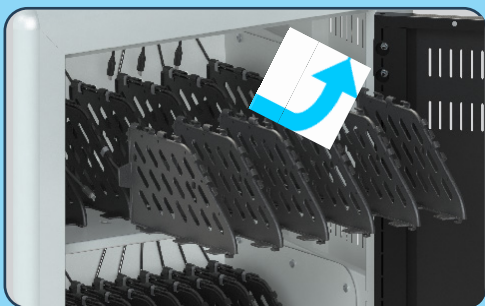## 01.

Using a ruler, measure the thickness of your device.

02.

If device is thicker than 1", locate & remove thumbscrews on shelf.

03.

Move out pre-installed Cables from dividers to get more space and remove retaining strip.

04. Instruction title

Pull forward, then up to remove the Divider.

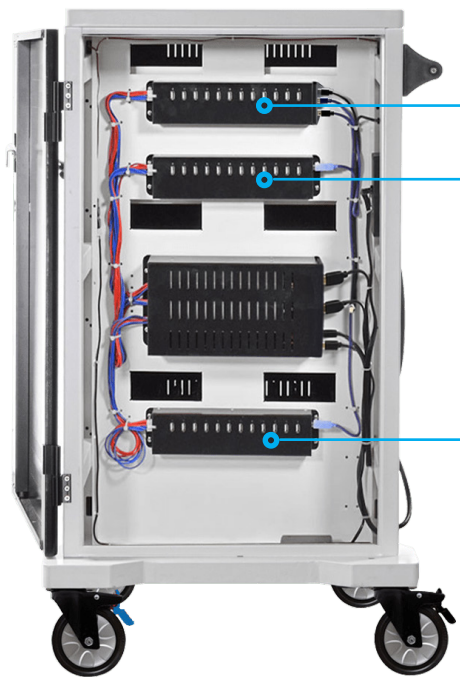## 05. Instruction title

Adjust spacing as needed. Place Strip in position & replace thumbscrews.

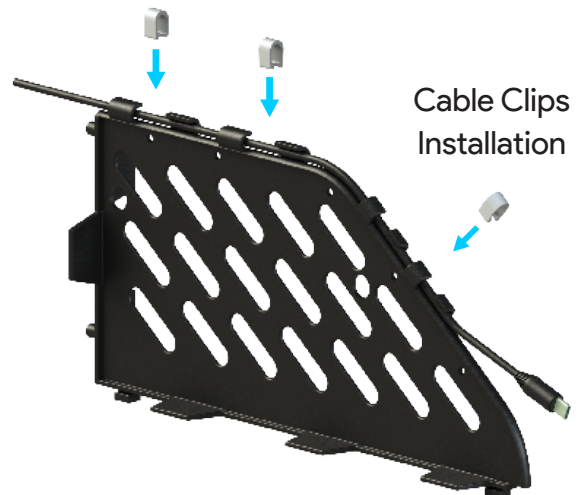# SETTING UP DEVICES (BACK)

USB-C Power Hub Enclosure

Pre-installed enclosures are in place & distribute power cords so that USB-C Hubs have an equal number of devices plugged in.

Type-C

Pre-installed device cables pass-through slots to front of cart.

Cable Clips Installation

Use the supplied Cable Clips to fasten each cable to the divider by pressing down firmly, securing the cable in place.
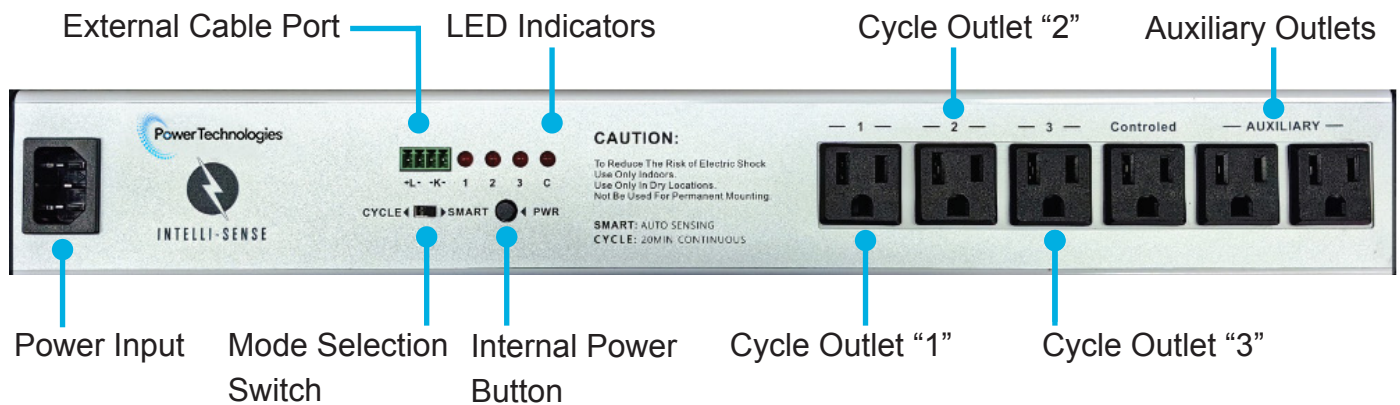
03.

USB SYNC & CHARGE

INTELLI-SENSE SMART CHARGER (USB-C CHARGING CART)

The Intelli-Sense smart charging system automatically detects which devices have the lowest charge and starts charging them in the quickest, most efficient method. Once the devices are fully charged, the system will remain in a trickle charging state thereby maintaining the devices battery levels.

External Cable Port   LED Indicators   Cycle Outlet "2"   Auxiliary Outlets

Power Input   Mode Selection Switch   Internal Power Button   Cycle Outlet "1"   Cycle Outlet "3"

Three 27W USB-C charging hubs connect into three power sockets: Cycle Outlet 1, 2 & 3. Socket labeled "Controled" output socket and it is not included in the cycle grouping. Auxiliary outlets may be used to plug in other electronic devices.

Note: Using the auxiliary outlets during a charging cycle may extend charging times.

Intelli-Sense Smart Timer

In this timer 1, 2 & 3 groups are connected to 3 rows of USB-C power sockets respectively. The cycle time is changed to 20 minutes. Controled follows the system switch to turn on and off.

In CYCLE mode:
1 2 3 outlets rotate power supply every 20 minutes after the system is turned on.

In Smart Mode:
It starts to detect the total current after turning on the system, if the current is less than 15A, 1, 2 & 3 will be turned on simultaneously, if it is greater than 15A, it will enter into CYCLE mode and continuously   monitors the current, when the current falls lower than 15A, it turns on the switch to 1, 2 & 3 simultaneously.
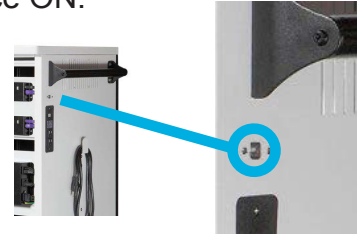
USB SYNC & CHARGE STATION

01.

To Sync devices: Make sure all devcies are powered ON and cart is plugged into an electrical outlet.

02.

Locate the HOST SYNC port on the outside of your cart underneath the handle, plug in your host device with supplied USB-B cable, then turn the device ON.
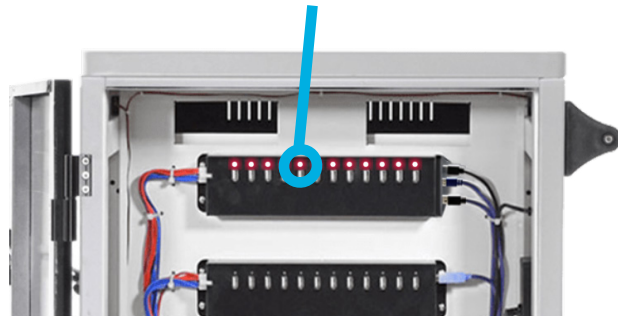

03.

Launch your sync software. (For iPads, Apple Configurator is recommended.) Choose settings, configure profiles and import apps as needed.

04.

A solid RED LED indicator on the SYNC module's USB port indicates syncing.

TO CHARGE DEVICES:

01.

Plug cart into an electrical outlet.

02.

Devices which require charging will start charging. A RED LED indicates the device is charging and GREEN LED indicates device is charged.

04.

SAFETY INSTRUCTIONS

SAFETY INSTRUCTIONS

	Caution
	Notice

THIS IS NOT A TOY.
ALWAYS FOLLOW SAFETY INSTRUCTIONS.

	Danger
	Warning

⚠ DO NOT Pull the cart using power cord.

⚡ Important

THE ELECTRICAL SYSTEM IS DESIGNED TO HANDLE A MAXIMUM OF 1400 WATTS.
If wattage exceeds 1400W at one time, charging system may not operate correctly. Remove devices until the total wattage is under 1400W.

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

⚠ DO NOT place liquids on or near the cart.

- **MOVE the cart slowly and carefully;** paying close attention to your surroundings.
- **ENSURE all doors are securely latched** before moving to prevent accidental opening.
- **ONLY qualified electricians** should perform any necessary repairs to this unit.
- **ALWAYS turn power switch to "OFF" position before:** (1) Unplugging/Plugining unit from/into wall outlet. (2) Connecting/Disconnecting any external devices.
- **REMOVE any external devices placed on top of unit** before moving to prevent damage/injury.
- **NEVER obstruct ventilation holes** designed for proper air circulation.

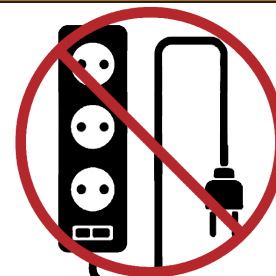⚠ DO NOT touch any part of the electrical system while plugged in.

⚠ DO NOT attempt to move downstairs.

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 use an extension cord with this unit.

⚠ DO NOT Roll the cart over the power cord.

⚠ DO NOT allow children to move or climb.

⚠ DO NOT ride or run with the cart.

⚠ ONLY ADULTS should move the cart.
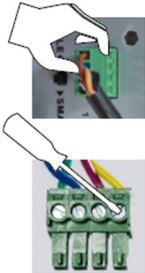
05.

TROUBLESHOOTING

TROUBLESHOOTING

Trouble	Indication	Possible Cause	How to check	Where to check	Remedy
Hand-held devices not getting power	LED on hub is not illuminated on the port	Poor USB-C connection	Test the hub port with a known working USB-C cable and device		Replace the USB-C cable
System does not power on	External LED Button does not flash	Power cord is not secured properly	• Check the main Power Cord into the Power Input port located on the left side of the Charging System if it is secured properly. • Plug the cart into a wall outlet and press the internal Power Button labeled PWR directly on the Charging System. • Remove power cord and plug in a PC monitor style IEC Power Cord.		If one or more Power Strips no longer works, replace as needed
External Power Button not works	External LED Button does not flash	Power Button failure	• With your cart plugged in, open the rear panel door and press the internal Power Button labeled PWR on the charging system. • Plug the External Cable back in and press the External Power Button.		• If your cart powers on, unplug the External Cable from Charging System • Using a small flat head screwdriver, ensure all individual wires are secure. • Replace the power button if found faulty.

42035 Zevo Drive, Temecula, California 92590
Phone: 1-(888)-650-4488 | support@powertechnologies.com
www.powertechnologies.com