PT-36-H65C™

36 BAY SECURE PRE-WIRED
USB-C CHARGING CART

USER MANUAL

Designed to charge, store and transport up to 36 Chromebooks, laptops or tablets up to 15.6 inches.

Specifications:

Model		PT-36-H65C™
Exterior Dimensions	**Inch**	42.5 (H) x 25 (W) x 24.25 (D)
	cm	107.95 (H) x 63.5 (W) x 61.6 (D)
Shelf Dimensions	**Inch**	10.5 (H) x 19.25 (W) x 16.25 (D); Divider spacing: 1.25" (H)
	cm	26.67 (H) x 48.9 (W) x 41.28 (D); Divider spacing: 3.18 cm (H)
Product Weight (Without Devices)		161 lbs (73.02 kg)
Shipping Weight		171 lbs (77.56 kg)
Capacity		36 bays (3 shelves, 12 bays/shelf)
Supported Devices		Max Device Size: 10.625" x 16" (26.99 cm x 40.64 cm)
Power Specifications (For cabinets sold within North America)		AC IN/ Power Strip: 110V AC, 50/60Hz, 10A Maximum power: 1400W
Power Specifications (For cabinets sold outside North America)		AC IN/ Power Strip: 110-240V AC, 50/60Hz, 10A Maximum power: 2400W
Charging Type		Intelli-Sense Smart Charging
Security		Front door 3 point mechanism with lock hole
Casters		Four 4 inch (10.2 cm) Casters; 2-Locking, 2- Directional
Shelf Loading (ea.)		110.2 lbs (50kg)
Working Temperature (Unit intended for indoor use only)		0°- 30°C
Working RH%		10% - 90%
Storage Temperature (Unit intended for indoor use only)		-40°- 60°C
Storage RH%		5% - 95%
Warranty		Lifetime Frame, 2 Years Components, 2 Years Electronics
Optional Components		IoT Module (see Appendix on page 14)

Specifications subject to change without notice.

Product Information

This manual covers the following models and part numbers below. Refer to the part numbers and cord end diagrams for your specific region.

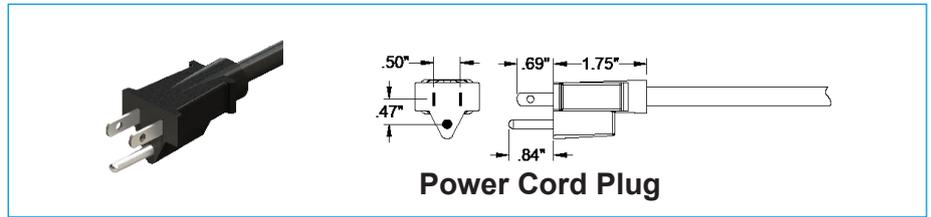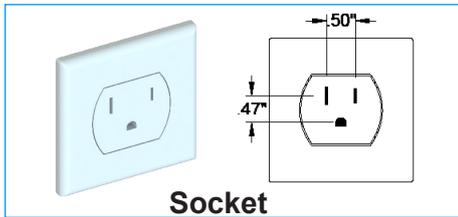*Note: The manual is based upon the North American 110V product offering.*

MODEL# PT-36-H65C

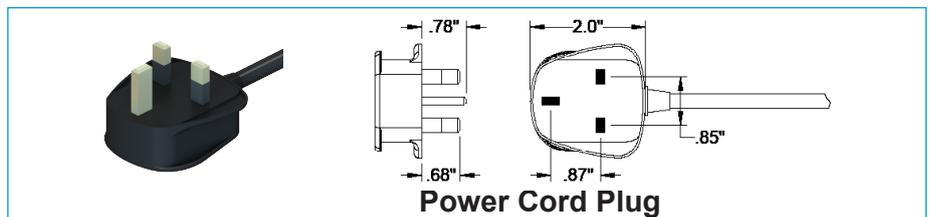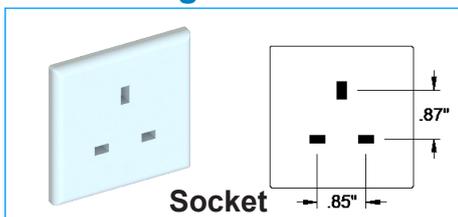| SKU	DESCRIPTION
CRT-LTE-S36L-D-H65C	PT-36, 36 Bay, Smart Charging USB Hub, Charging Cart, USB-C Cables - 110V NA
CRT-LTE-S36L-E-H65C	PT-36, 36 Bay, Smart Charging USB Hub, Charging Cart, USB-C Cables - 220V EU
CRT-LTE-S36L-U-H65C	PT-36, 36 Bay, Smart Charging USB Hub, Charging Cart, USB-C Cables - 220V UK
CRT-LTE-S36L-A-H65C	PT-36, 36 Bay, Smart Charging USB Hub, Charging Cart, USB-C Cables - 240V AU
CRT-LTE-S36L-S-H65C	PT-36, 36 Bay, Smart Charging USB Hub, Charging Cart, USB-C Cables - 220V SW

*For all other part number configurations, please see Appendix on page 14.

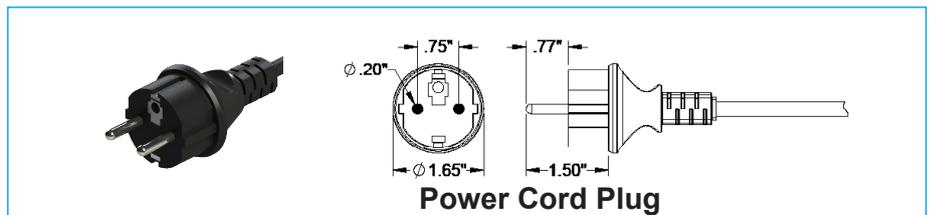## Power Cords and Sockets for Specific Region:

US / Canada

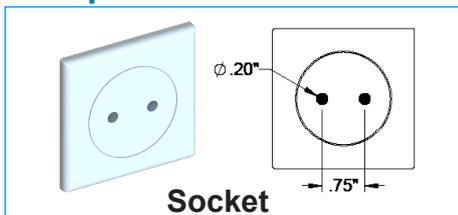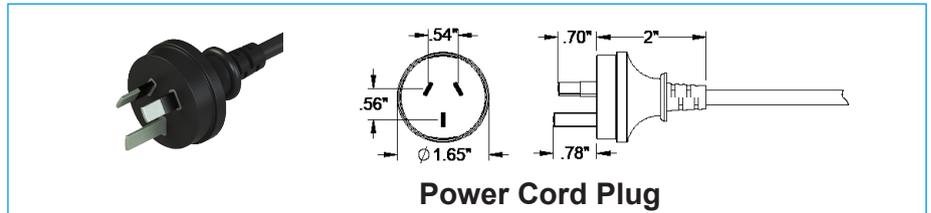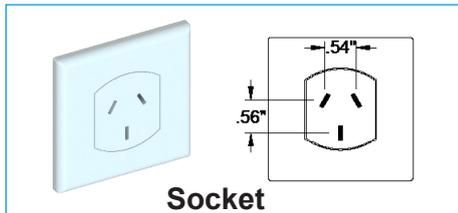**Socket**

Power Cord Plug

United Kingdom

Socket

Power Cord Plug

European

Socket

Power Cord Plug

Australian

Socket

Power Cord Plug

Switzerland Type-J

Socket

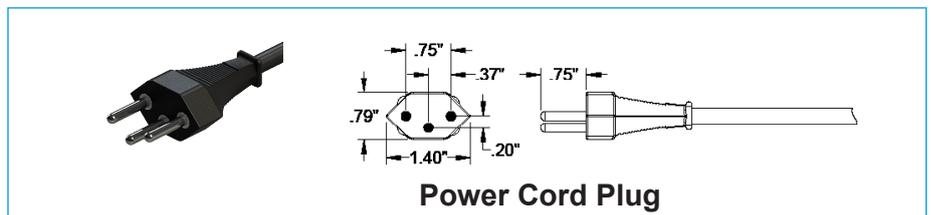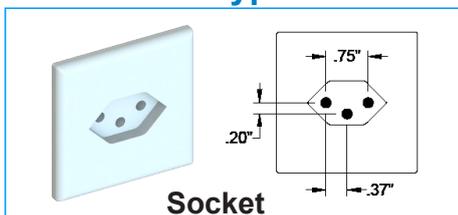**Power Cord Plug**

Product Information

The PT-36-H65C™ USB-C Charging Cart is designed to charge and store up to 36 Chromebooks, Laptops or tablets.

Note: Review this guide before installing devices and to learn how to safely use your cart.

Push Handle

Keyed Door
Lock Latch

4" Swivel / Lock Casters

4" Swivel / Directional Casters

Front View of Cart (Closed)

If the device (Laptop / Chromebook) thickness is more than the gap between the dividers, remove one of the dividers to create enough space for your device.
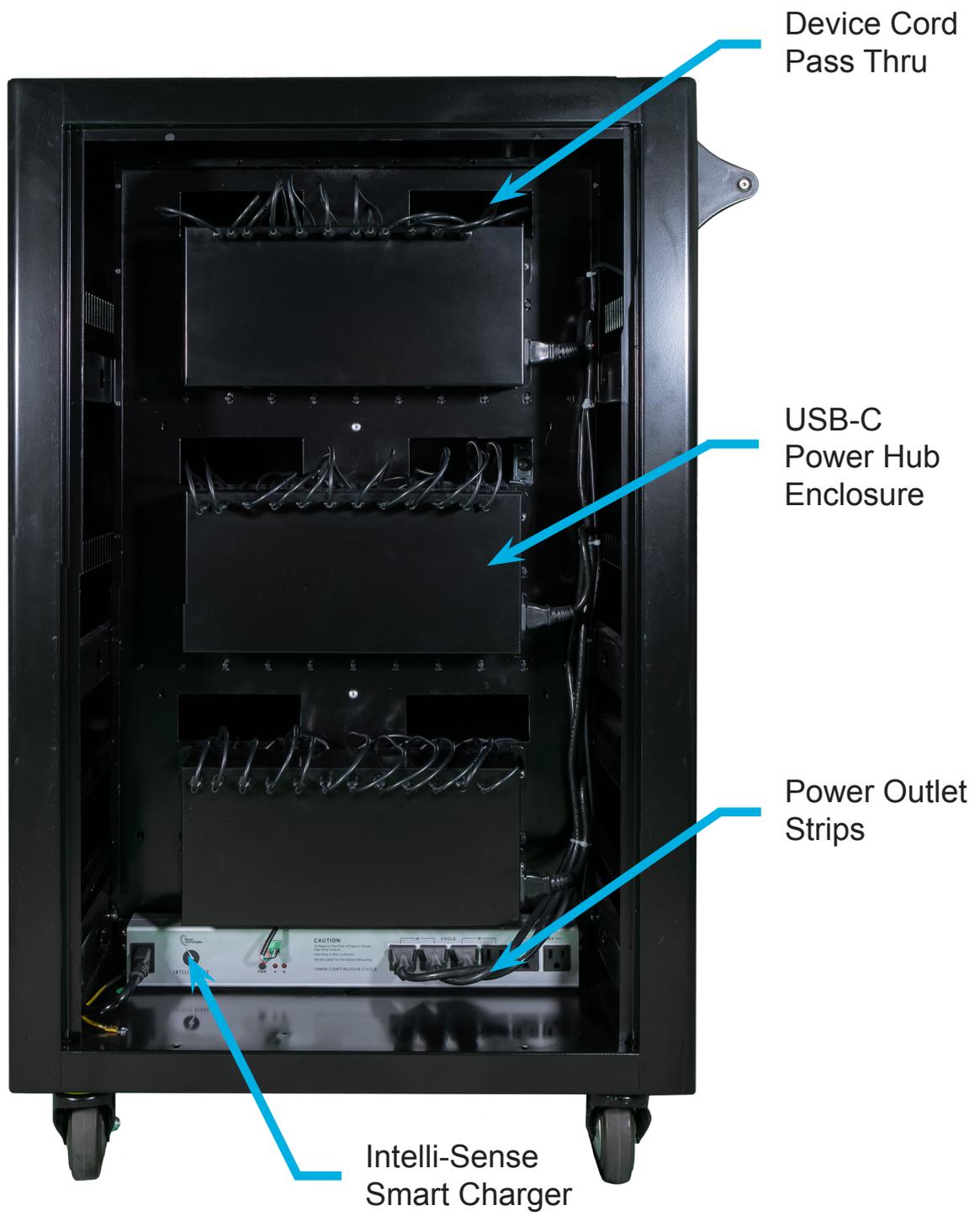
External Power Button

Removable Dividers

Pre-wired USB-C Cables & Cable Management Clips

Front View of Cart (Opened)

STANDARD MODEL INCLUDES:

- Standard pre-wired charging carts come with USB-C to USB-C charging cables.
- Custom charging cable configurations available upon request.

Device Cord Pass Thru

USB-C Power Hub Enclosure

Power Outlet Strips

Intelli-Sense Smart Charger
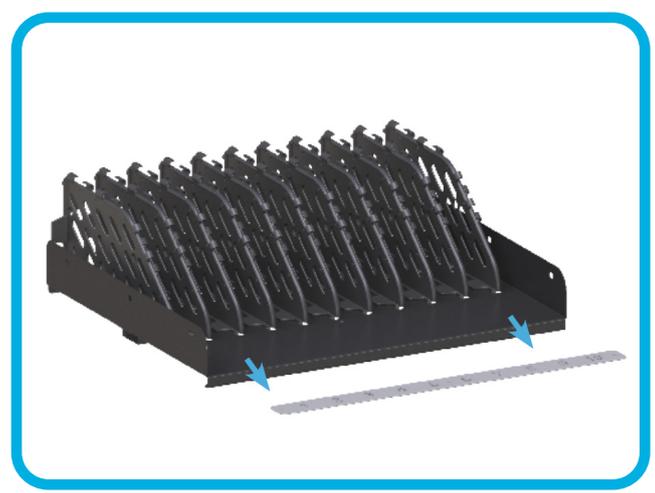
Rear View of Cart (Opened)
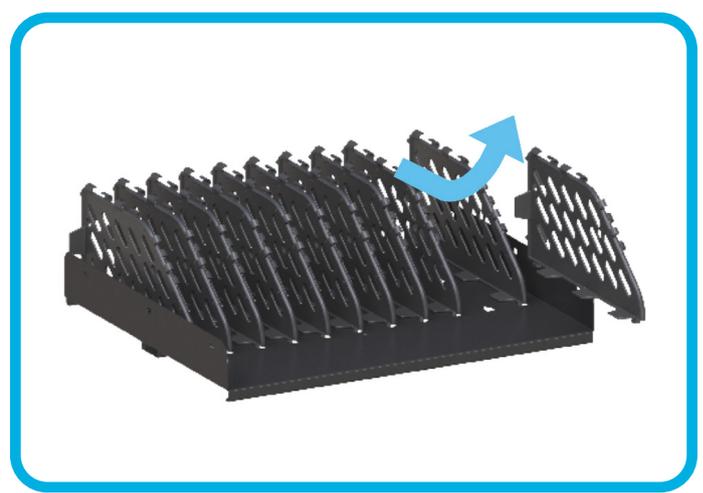
SETTING UP DEVICES (FRONT):

Step-1: Using a ruler, measure the thickness of your device.

Step-2: If device is thicker than 1", locate & remove thumbscrews on shelf.

Step-3: Move out pre-installed Cables from dividers to get more space and remove retaining strip.
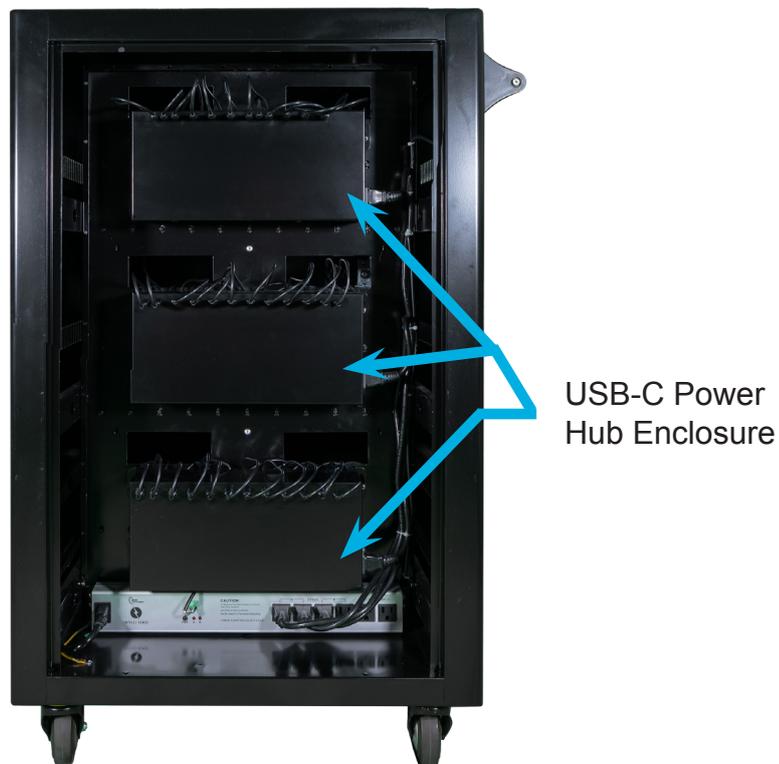

Step-4: Pull forward, then up to remove the divider.

Step-5: Adjust spacing as needed.

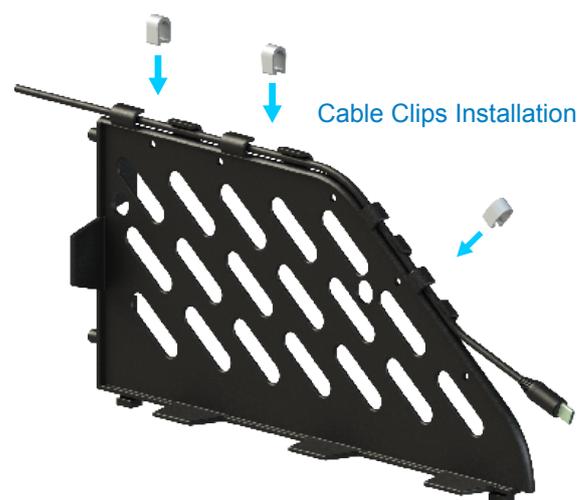**Step-6:** Place Strip in position & replace thumbscrews.

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.

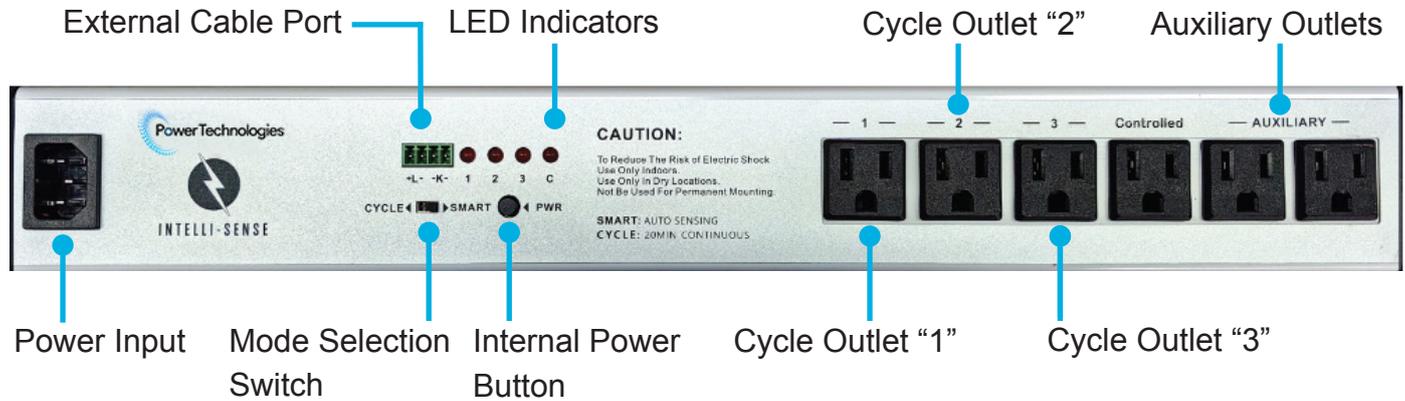Type-C

Cable Clips Installation

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

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

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 65W USB-C charging hubs connect into three power sockets: Cycle Outlet 1, 2 & 3. Socket labeled "Controlled" 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. Controlled 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.

BLACK CASTER INSTRUCTIONS :

Engage the "BLACK" foot pedal to securely lock the wheels, keeping the cart safely in place.
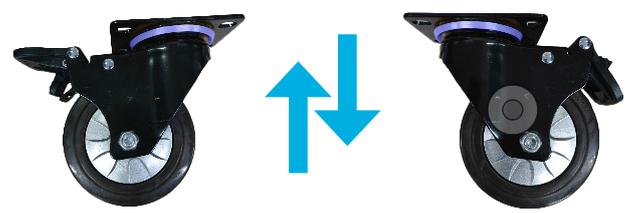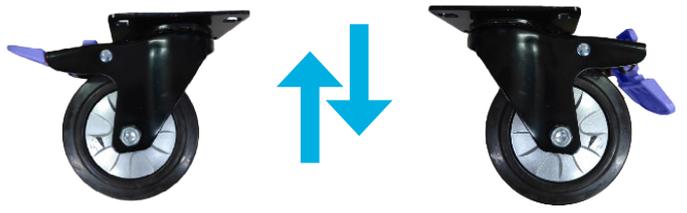
With a simple release of the "BLACK" foot pedal, allowing you to navigate effortless with unparalleled flexibility.

BLUE CASTER INSTRUCTIONS :

Engage the "BLUE" foot pedal for a seamless and precise straight-line movement, making navigation a breeze.

With a simple release of the "BLUE" foot pedal, embrace a world of precision and grace in your swivel motion, making maneuvering a breeze.

Safety Instructions

Power Technologies

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/Pluggining 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.

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	USB-C Power Hub Enclosure	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.
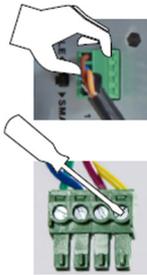
Further Information

For further information on this product and others, contact Power Technologies® at:
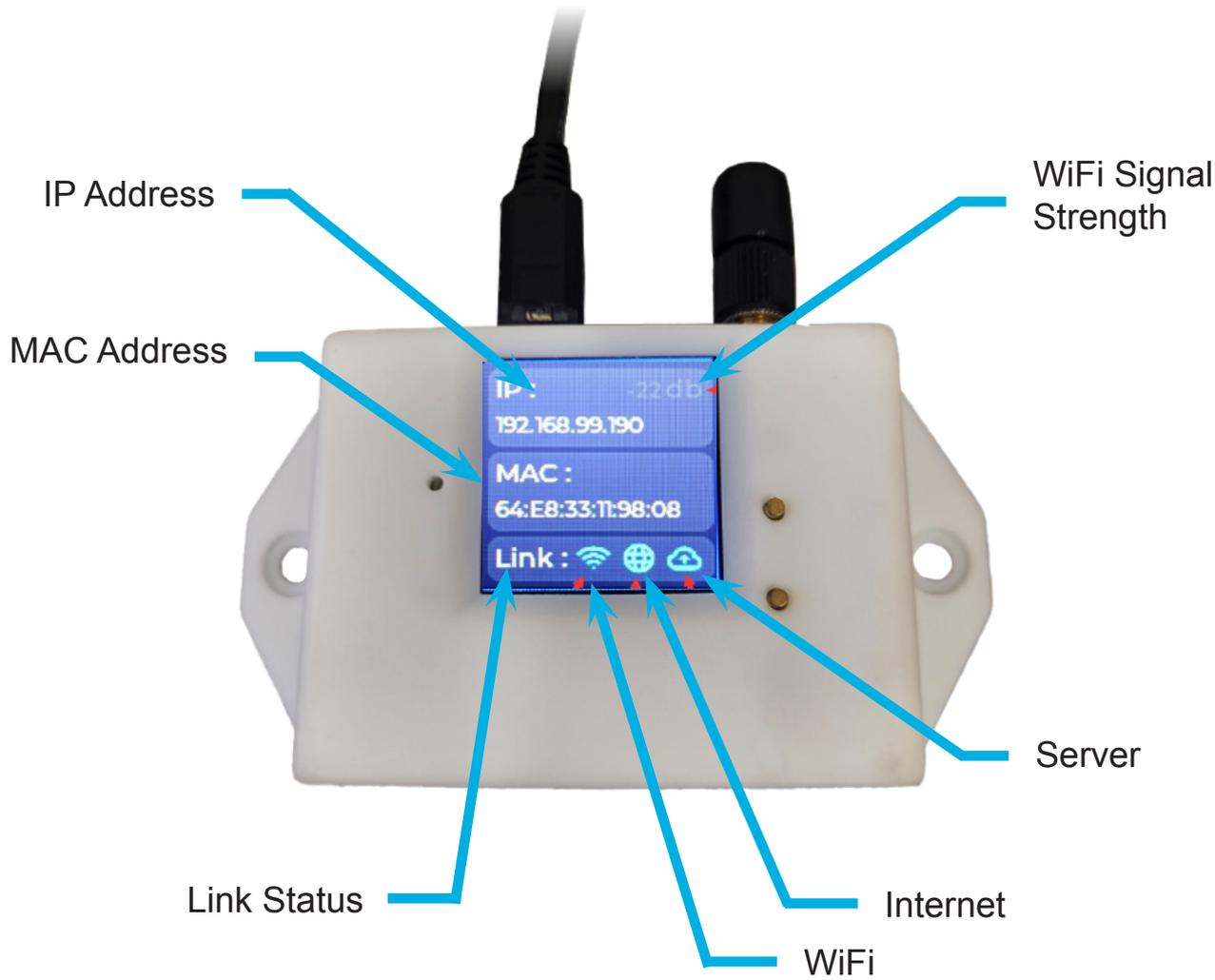
Power Technologies®
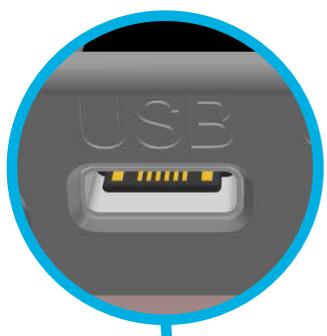42035 Zevo Dr.
Temecula, CA 92590
+1.888.650.4488

support@powertechnologies.com

www.powertechnologies.com

IP Address

WiFi Signal Strength

MAC Address

IP :
192.168.99.190

MAC :
64:E8:33:11:98:08

Link :

Server

Link Status

Internet

WiFi

Front View of IoT Module Screen

USB Port

TTL Comport Connection

WiFi Antenna

Communication Indicator Lamp

IP :
192.168.254.86

IoT-CART-
64E833126E12

Link :

Key for Configuration & Select

Key for Enter

Mounting Bracket

LCD Screen
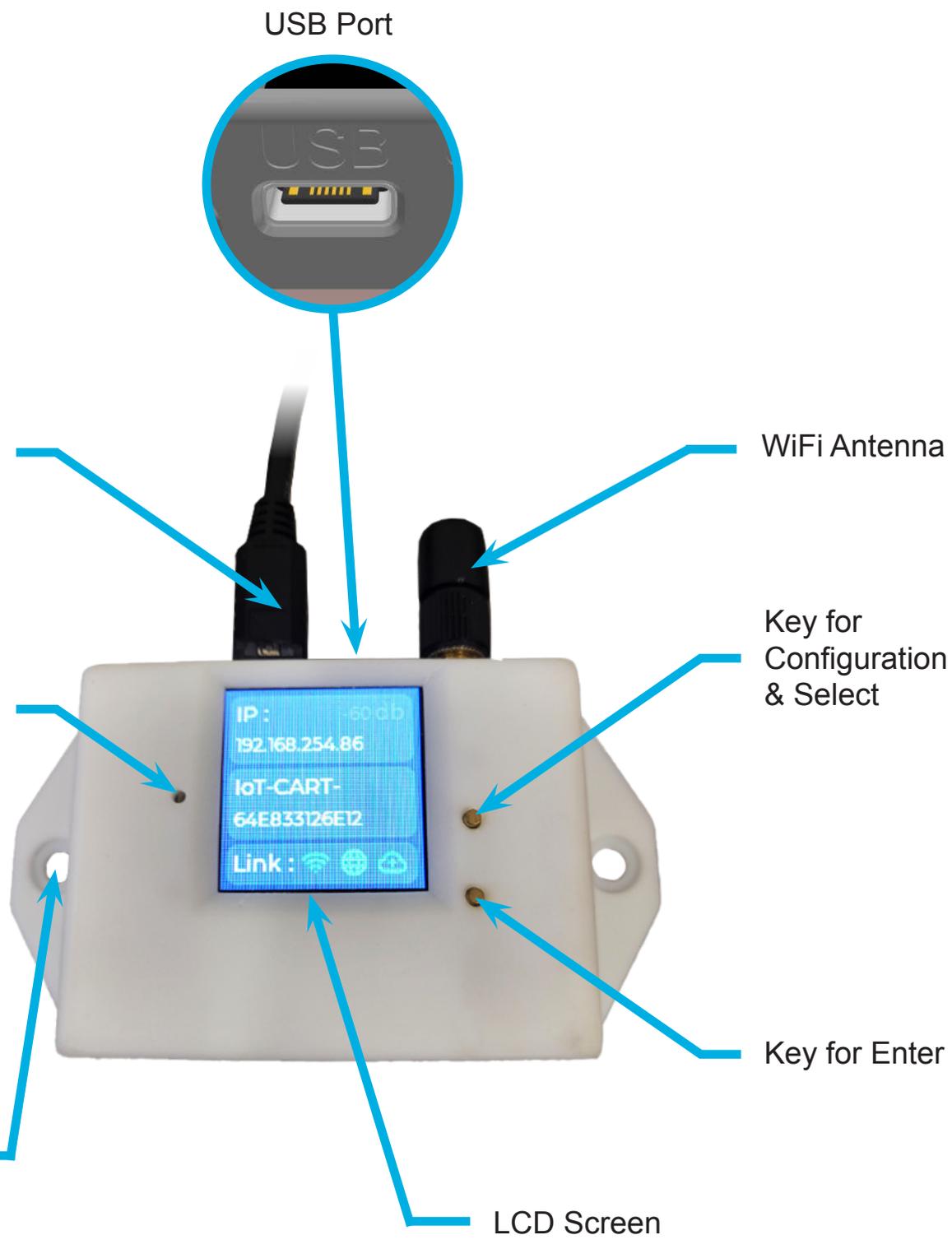
Front View of IoT Module

CONFIRM CART IS OFF/UNPLUGGED FROM POWER BEFORE BEGINNING:
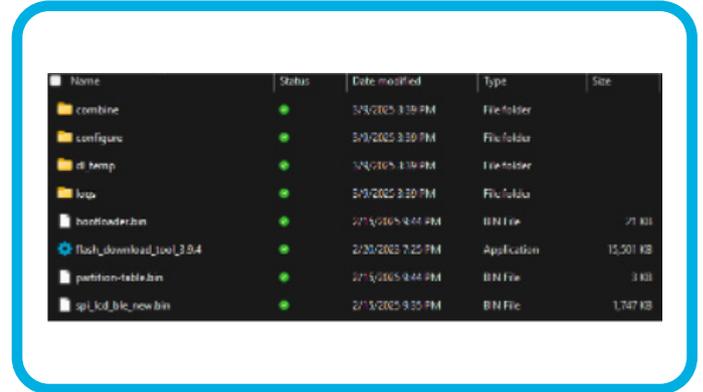
Step-1: Connect computer to IoT module using USB-A to USB-C cable. *Input port on IoT module is USB-C.*

Step-2: Open folder named: **IoT-Cart-PT**. *There'll be the firmware folder and Android app for connecting to WiFi and MQTT server.*
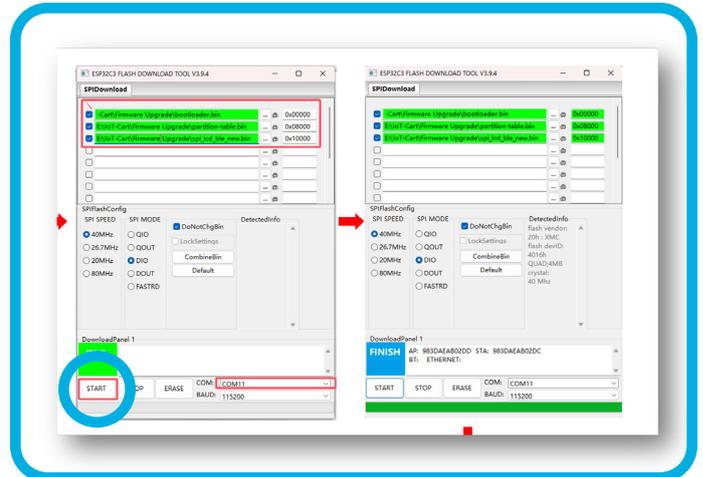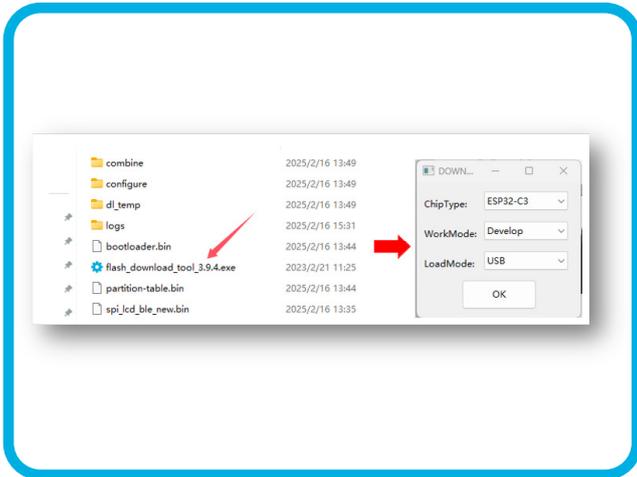
Step-3: Click on **flash_download** tool in folder. *Window should open, confirm the settings are as seen and click on OK.*


Step-4: Loader window will appear, confirm settings as in figure above and press **Start**. *Select COM port from available drop-down.*
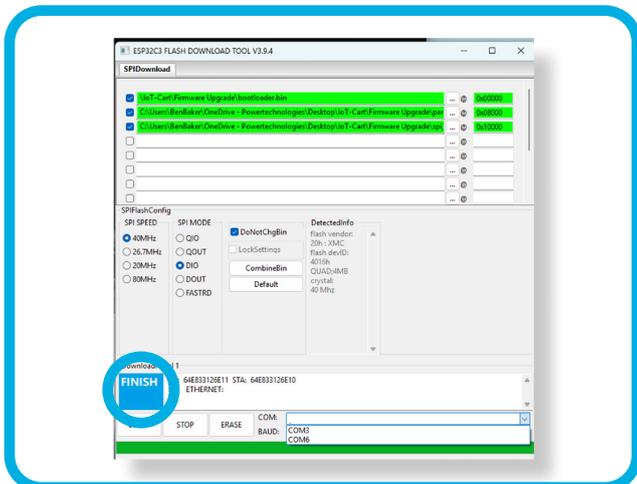
**Step-5:** Once the download is complete, Idle box will change to **Finish**.

Step-6: Unplug IoT from computer. Plug cart into wall power; turn **ON**. Screen will brighten, confirming firmware upgrade is complete.

Appendix – IoT Module Setup

INSTALL iot_set_us.apk ON ANDROID PHONE/TABLET BEFORE BEGINNING:
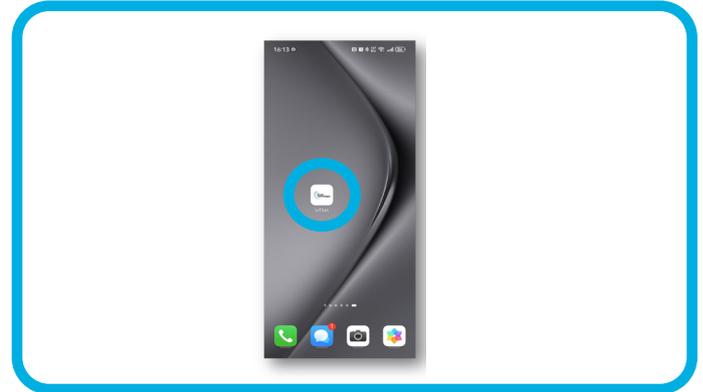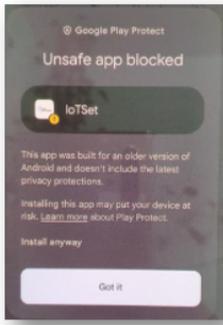
Step-1: When Google Play pop-up appears, select **Install anyway**. *Select "yes" to all permission pop-ups during app installation.*

Step-2: Upon successful app installation, turn **ON** phone/tablet's **Bluetooth**. *Click on app tile and IoT Cart window will appear.*
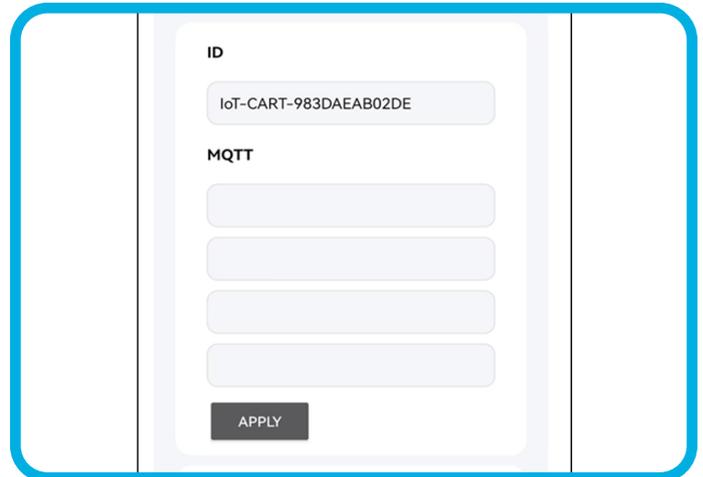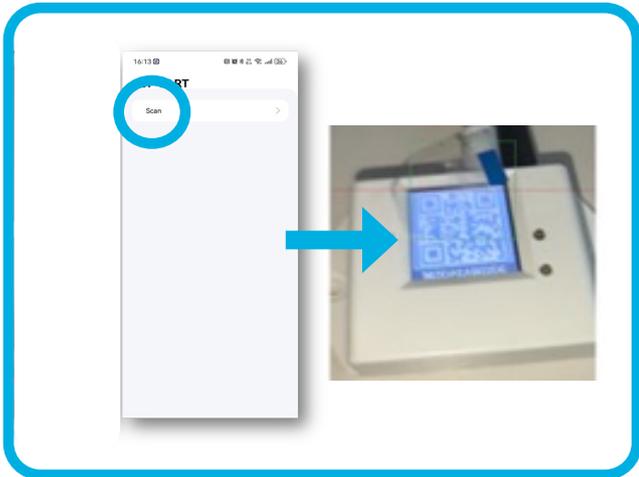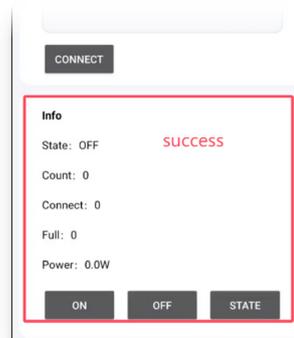

Step-3: Scan IoT Module QR code by clicking **Scan** button on app. *Window will expand, Cart ID field will be filled in.*

Step-4: Input **MQTT** server information in fields in this exact order: *Server Address, Server Port, Username, Password.* Click **Apply**.
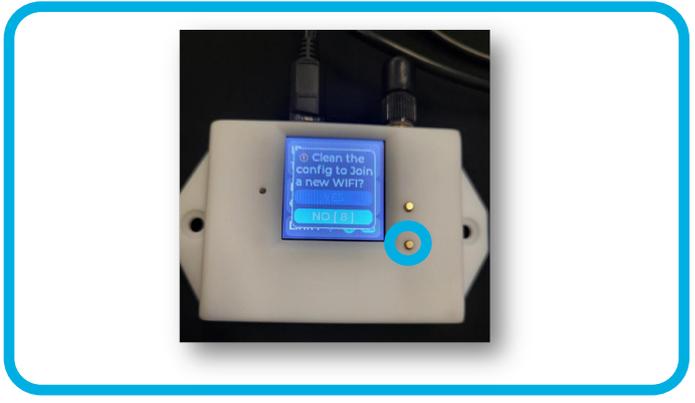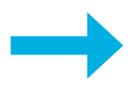

Step-5: Select **WiFi** network and input password. *Click **Connect**.*

Step-6: A red box will appear around **Info** section. *And **IP address**, **Cart Identification**, and **Active Connections** will appear on IoT screen.*

RESET OR CHANGE NETWORK CONNECTION:

Step-1: Press **Reset** button to access "Clean Configuration Screen". *Press Reset button 8 more times to unlock.*

Step-2: Once **Yes** is unlocked, press **Enter** button to confirm. *IoT configurations will be cleared. Display returns to QR code; rescan to setup new network connection.*