

# USB Charger Devices



USB20CW



USB20ACW



USB20AW



USB4W

❖ Introducing the NEW  
5 Amp, 5 Volt DC USB  
Charging Receptacles &  
Metal PlugTrak® Raceway  
with USB Charging Outlets



USB2W



USB102W

# USB Type – C Background

- USB Type - C is the newest technology in USB Charging, providing the largest inflow of power to devices to date, resulting in the fastest charging speeds of any USB model
- Bryant now markets a duplex receptacle equipped with not only two USB Type - C ports, but also providing versions with both original USB Type - A and USB Type - C combination port receptacles
- Having a USB A and C port on one device allows for the most diverse charging experience
- USB Type A has been the most commonly used USB port for transferring data and charging devices over the last decade, major players developing newer technology are adapting to the USB Type - C



**SAMSUNG**

**BRYANT®**

# USB Type – C Background

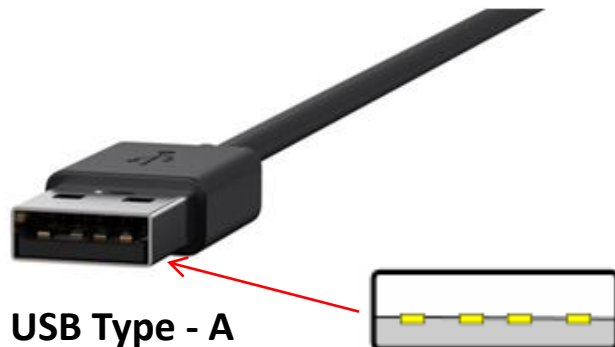
- The latest technology is starting to support the USB Type - C charger, such as the MacBook Pro laptop and Google Pixel phone
- USB Type - C allows charging multiple devices with the same cord; no more matching the cord to the device, USB Type - C provides an alternative with universal capabilities for next generation technology
- USB Type - C enables the cord to be inserted in either direction; up or down is always correct
- While Bryant receptacles do not transfer data, the USB Type - C will transfer data faster between devices
- USB Type - C can also be used to supply power to devices such as computer monitors, I-watches, and other electronics.



# USB Type - A vs. USB Type - C

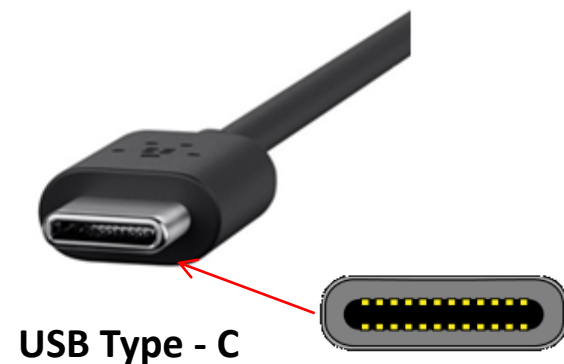
## USB Type - A

- Traditionally maximize at 3.8 Amps charging output
- New USB Type - A charges at 5 Amps
- 4 pin charge head, only one way to insert
- Rated for 10,000 cycles of insertions



## USB Type - C

- Universal cord end for all Type - C compatible devices
- 12 pin head provides increased charging speed
- 24 pins, 12 pin per side, allows insertion in either direction
- Rated for 10,000 cycles of insertions



# USB Type – C Charger Duplex Receptacles

- Next Generation of USB Technology
- 15/20A 125V Commercial and Hospital Grade Versions
- Two (2) 5A, 5VDC USB Type - C ports
  - Fastest USB charging to date
- Green LED Light to Indicate Power to USB Ports
- Vented Base for Enhanced Heat Dissipation
- Tamper Resistant Duplex Receptacles
- USB Ports Rated for 10,000 Cycles of Insertion and Removal

## Commercial Grade

- **USBB15C5\_**
- **USBB20C5\_**

## Hospital Grade

- **USBB8200C5\_**
- **USBB8300C5\_**



**USBB20C5W**

- ❖ USB Type - C cord is universal to all devices; phones, laptops, etc. providing an advantageous charging tool:
  - One cord for all devices
  - No more fumbling to find the correct cord end

# Combination Port, USB A & C Charger Duplex Receptacles

- Allows Compatibility with Original USB and Next Generation of USB Technology
- 15/20A 125V Commercial and Hospital Grade Versions
- One (1) USB Type - A and (1) USB Type – C 5A, 5VDC Port
  - Fastest USB charging to date for both USB Type - A and Type - C models
- Green LED Light to Indicate Power to USB Ports
- Vented Base for Enhanced Heat Reduction
- Tamper Resistant Duplex Receptacles
- USB Ports Rated for 10,000 cycles of insertion and removal

## Commercial Grade

- **USBB15AC5\_**
- **USBB20AC5\_**

## Hospital Grade

- **USBB8200AC5\_**
- **USBB8300AC5\_**



**USBB20AC5W**

- ❖ USB Type - C cord is universal to all devices; phones, laptops, etc. providing an advantageous charging tool:
  - One cord for all devices
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# 5 Amp USB Charger Duplex Receptacle

- Allows Compatibility with Original USB Technology
- 15/20A 125V Commercial and Hospital Grade Versions
- Two (2) 5A, 5VDC USB A ports
  - More power available for USB charging to date for USB Type - A models
- Green LED Light to Indicate Power to USB Ports
- Vented Base for Enhanced Heat Reduction
- Tamper Resistant Duplex Receptacles
- USB Ports Rated for 10,000 Cycles of Insertion and Removal

## Commercial Grade

- **USBB15A5\_**
- **USBB20A5\_**

## Hospital Grade

- **USBB8200A5\_**
- **USBB8300A5\_**



**USBB20A5W**

- ❖ Two 5Amp, 5Volt DC USB Type - A charging ports provides the strongest charging of any USB receptacle currently on the market for USB A style devices
- ❖ Compatible with Apple, Samsung and many other devices



# USB Type - C Compatible Devices

## Phones:

Company	Product	Release Date	USB Connectivity	Notes
Google	Nexus 5P	2015	USB Type C	Google smartphone runs on Android
Google	Pixel	October '16	USB Type C	Google smartphone runs on Android
Google	Pixel XL	October '16	USB Type C	Google smartphone runs on Android
Lenovo	Lenovo ZUK Z1	September '15	USB Type C	Smartphone, runs on Android
Lenovo	Lenovo ZUK Z2 Pro	June '16	USB Type C	Smartphone, runs on Android
Lenovo	Moto Z	TBD	USB Type C	
Lenovo	Moto Z Force	TBD	USB Type C	
Levt	Le 1 Pro Superphone	May '16	USB Type C	Smartphone, runs on Android
LG	LG G5	April '16	USB Type C	LG Smartphone
LG	LG V20	September '16	USB Type C	LG Smartphone running on Android
Microsoft	Lumia 950	October '15	USB Type C	Windows 10 Microsoft phone
Microsoft	Lumia 950 XL	October '15	USB Type C	Windows 10 Microsoft phone
Microsoft	Surface Phone	2017	USB Type C	A phone building off of the Microsoft Surface tablet platform
OnePlus	OnePlus 3	2016	USB Type C	OnePlus "phablet" runs on Android
Samsung	Samsung Galaxy Note 7	August '16	USB Type C	Samsung "phablet"
UMi	UMi Super	May '16	USB Type C	European brand smartphone

## Tablets:

Company	Product	Release Date	USB Connectivity	Notes
Google	Chromebook Pixel 2	March '15	USB Type C	Laptop, runs on Chrom OS
Google	Chromebook Pixel C	December '15	USB Type C	Tablet, runs on Android 6.0 Marshmallow
Nokia	Nokia N1 Tablet	January '15	USB Type C	Tablet, runs on Android

## Laptops:

Company	Product	Release Date	USB Connectivity	Notes
Apple	MacBook Pro	2016	USB Type C	Laptop
Apple	MacBook (Retina, 12-inch)	2015	USB Type C	
Dell	Dell XPS 13	March '16	USB Type C	Laptop
Dell	Latitude 12 7000	February '16	USB Type C & USB Type A	Dell 2 in 1 laptop/tablet powered by Windows 10



# USB Type - A Charger Receptacles



**USB4W**

- LED Lights Indicate USB Power
- Switch Activated Port Door Shuts Off Power When Closed
- Bi-directional Clamp Wiring Allows Horizontal or Back Entry of Solid or Stranded Wire
- Rated for 10k Insertions
- USB4\_ 4-Port Receptacle : 5 Amp, 5V DC
- USB2\_ 2-Port Receptacle : 3 Amp, 5V DC
- 20A Circuit Feed Through
- Compatible with USB 1.1/2.0/3.0 Devices
- Complies with Battery Charging Specification USB BC1.2



**USB2W**

# USB Type - A Charger & Switch Receptacle

- Single Pole and 3-Way Capable
- Reinforced Thermoplastic Face and Base
- Rated for 10k Insertions
- Two USB Ports 2.1A 5V DC
- USB Type A, Class 2.0
- Complies with Battery Charging Specification USB BC1.2
- cULus Listed to UL 1310 and UL20



**USBB102W**

# Metal PlugTrak® Raceway With USB Type - A Charger Outlets

## Painted Steel

- ❖ 3' Configuration: **HBL20GB312UIV**
  - 6" leads
  - 2 USB Type - A ports – 2.4 Amps
  - 2 single 15 Amp 125 Volt receptacles
  - Ivory color
  
- ❖ 6' Configuration: **HBL20GB612UIV**
  - 6" leads
  - 4 USB Type - A ports – 2.4 Amps
  - 4 single 15 Amp 125 Volt receptacles
  - Ivory color
  
- ❖ Popular Applications:
  - Education
  - Industrial MRO
  - Laboratories
  - Retail

