

## 45-Watt USB Chargers

### TA245 Series

Manufactured by Mid-Continent Instrument Co., Inc.

TA245 Series USB Chargers are designed with the latest PD and PPS charging technology. Compatible with 14-volt and 28-volt systems, they deliver up to 45 watts of power per port.



Dual USB-C / USB-A

Programmable Power Supply (PPS) functionality allows the TA245 chargers to dynamically adjust voltage in small increments, optimizing power delivery based on the device's specific needs. This ensures a faster, more efficient charge and extends the device's battery life.

## Smart Halo Lighting

Charging status at a glance

### Product features

OUTPUT POWER	USB-C 45 W max per port USB-A 36 W max per port
OUTPUT VOLTAGE	USB-C 3.3 – 20 VDC at up to 3.0 A per port USB-A 3.6 – 12 VDC at 3.0 A per port
OUTPUT CURRENT	3.0 amps per port
INPUT VOLTAGE	12 – 32 VDC
USB CONNECTOR	USB-A and USB-C Single and dual configurations
CHARGING TECHNOLOGY	USB-C Power Delivery 3.0 Programmable Power Supply 3.0 Qualcomm® Quick Charge™ 3.0 Battery Charging 1.2  USB-A Qualcomm® Quick Charge™ 3.0 Battery Charging 1.2
USB LIGHTING	Smart Halo status indication: power, charging, fault Manual lighting control
EFFICIENCY	Charge two devices simultaneously at full power
PROTECTION	Short circuit, power surge, overload, over temperature
APPLICATIONS	In-seat, cabin, cockpit, galley
DESIGNED AND MANUFACTURED	Wichita, Kansas, USA
WARRANTY	Limited Lifetime Warranty

#### Kansas

9400 East 34th Street North  
Wichita, Kansas 67226 USA  
Tel 316.630.0101 800.821.1212  
Fax 316.630.0723  
tbp@mcico.com

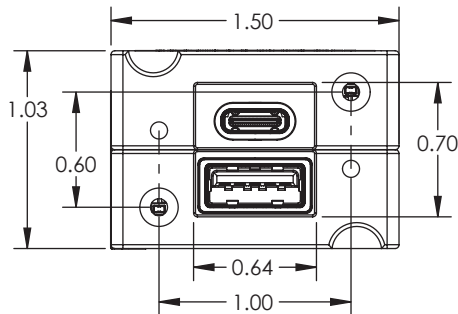
#### California

9722 Topanga Canyon Boulevard  
Chatsworth, California 91311 USA  
Tel 818.786.0300 800.345.7599  
Fax 818.786.2734  
tbp@mcico.com

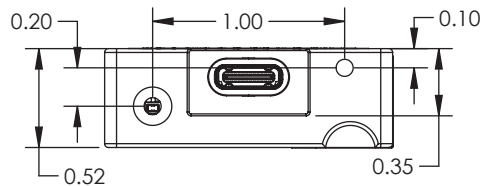
# 45-Watt USB Chargers

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Dual USB-C / USB-A configuration



Single USB-C configuration

### Lighted USB Charging Port Configurations

Part Number	Connector(s)	Power Input
6430245-11	Dual USB-A / USB-C	Rear
6430245-13	Dual USB-C	Rear
6430245-17	Single USB-C	Rear

### Technical specifications

OUTPUT POWER	USB-C 45 W max per port USB-A 36 W max per port
OUTPUT VOLTAGE	USB-C 3.3 – 20 VDC at up to 3.0 A per port USB-A 3.6 – 12 VDC at 3.0 A per port
OUTPUT CURRENT	3.0 amps per port
INPUT POWER	52 W max per port
INPUT VOLTAGE	12 – 32 VDC
USB CONNECTOR	USB-A and USB-C Single and dual configurations
WEIGHT	Single 0.9 ounces (26 grams) Dual 1.8 ounces (52 grams)
DIMENSIONS	Single 1.5"W x 0.52"H x 1.25"D Dual 1.5"W x 1.03"H x 1.25"D
MATING CONNECTOR KIT	MCI P/N 9017960 (included)
MOUNTING	Front or rear; faceplates and adapter plates (optional)
INSTALLATION	In-seat, cabin, cockpit and galley
CASE	Anodized aluminum, black
CERTIFICATION	FAA TSO C71 EASA ETSO C71 RTCA DO-160G

### Faceplates

Part #	Mounting	USB	Shape	Size
9020386-1	Front	Dual	Square	1.75"W x 1.75"H
9019351-2	Rear	Dual	Square	1.35"W x 1.35"H
9019351-1	Rear	Single	Rectangle	1.35"W x 1.00"H
9019384-3	Rear	Single	Circular	1.35" diameter
9019384-4	Rear	Dual	Circular	1.50" diameter

Faceplate sold with brushed aluminum finish. Color and finish can be customized to complement the aircraft's interior.

### Adapters

Part #	Mounting	USB	Shape	Size	Color
9010361-1	Front	Single x3	DZUS Panel	5.75"W x 0.75"H	Black
9010361-2	Front	Dual x3	DZUS Panel	5.75"W x 1.12"H	Black
9010361-3	Front	Single x3	DZUS Panel	5.75"W x 0.75"H	Gray
9010361-4	Front	Dual x3	DZUS Panel	5.75"W x 1.12"H	Gray
9017947	Rear	Dual	Instrument	2.25" diameter	Black