

45-Watt USB Chargers

TA245 Series

Manufactured by Mid-Continent Instrument Co., Inc.

Charge your personal electronic devices faster with TA245 Series USB Chargers. The TA245 is compatible with any aircraft running 14-volt and 28-volt systems. It delivers 45 watts to phones, tablets, EFBs and laptops.



The TA245 Series features USB Power Delivery (PD) and ultra-fast charging Programmable Power Supply (PPS) technology. PPS functionality allows the charger 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 device battery life.

True Blue Power offers more than 30 USB configurations and mounting options for easy in-seat, cabin, cockpit and galley installation. The ultra compact TA245 is a direct replacement for any True Blue Power chargers. They feature adjustable halo ring lighting, and optional faceplates and adapter plates are available.

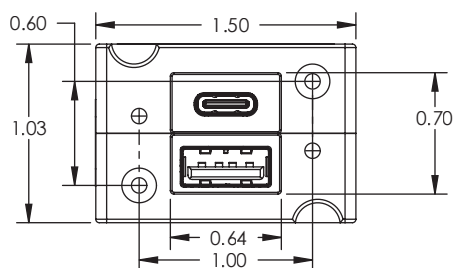
Product features

OUTPUT POWER	USB-C	45 W max per port
	USB-A	36 W max per port
OUTPUT VOLTAGE	USB-C	3.3 – 20 VDC @ up to 3.0 A per port
	USB-A	3.6 – 12 VDC @ 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 Battery Charging 1.2
	USB-A	Qualcomm® Quick Charge™ 3.0 Battery Charging 1.2
USB LIGHTING	Manual lighting control Colored status indications: power, charging, fault	
EFFICIENCY	Charge one or two devices simultaneously at full power	
PROTECTION	Short circuit, power surge, overload and over temperature	
APPLICATIONS	In-seat, cabin, cockpit and galley	
DESIGNED AND MANUFACTURED	Wichita, Kansas, USA	
WARRANTY	Limited Lifetime Warranty	

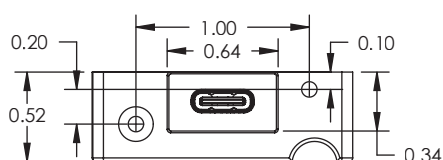
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Dual USB-C / USB-A configuration



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
6430245-15	Dual USB-A	Rear
6430245-17	Single USB-C	Rear
6430245-19	Single USB-A	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 @ up to 3.0 A per port USB-A 3.6 – 12 VDC @ 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 pending EASA ETSO C71 pending RTCA DO-160G pending

Faceplates

Part #	Mounting	USB	Shape	Size
9017897	Front	Dual	Square	1.75" W x 1.75" H
9017958	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