

Overview

APCD's DualUSB is a remote module capable of charging multiple devices simultaneously, safely, and effectively by following protocols driven by embedded software. The device uses auto load balancing technology to safely manage the thermodynamic effects of high-power charging. Since the ports do all the work airlines do not need to worry about passenger's devices getting too hot or the system being damaged by variable cables. These ports can be configured to any combination of USB-A and USB-C and customized to fit anywhere.



FEATURES

Lightweight and robust thermoplastic housing
Single and Dual options (configurable ports)
Overcurrent and over temperature protection
Power conversion and auto load balancing
Integrate with preferred IFE software
Light pipe charging indicator
DO-160 compliant



TECHNICAL SPECIFICATIONS

Electrical Characteristics	
Input Voltage	28VDC ± 10%
USB-A Output Voltage	5VDC
USB-A Output Current	2.1A
USB-C Output Voltage (configurable per USB PD)	5VDC, 9VDC, 15VDC, 20VDC
USB-C Output Current	3A
USB Charging Schemes	USB BC 1.2 (DCP, CDP, SDP), Apple Charging, USB PD 3.0
USB Data	USB 2.0
Mechanical	
Approximate Weight	4.0 oz.
Approximate Dimensions HxWxD	3" X 2" X 2"
Mating Cycles	30,000
Operating Temperature	
Upper Limit	+55C
Lower Limit	-15C

IN-SEAT | SEATBACK | CABIN | COCKPIT | GALLEY | MONUMENTS