



<http://atx-led.com>

AL-WS-USB-C

Dual USB
USB-C

charger in Decorator outlet
format



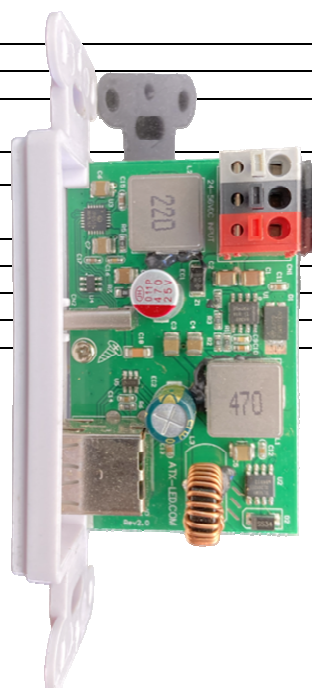
Product Description – AL-WS-USB-C PoE Power Splitter

This device provides a powerful solution for delivering power to a USB-C device without the use of 120 vac power.

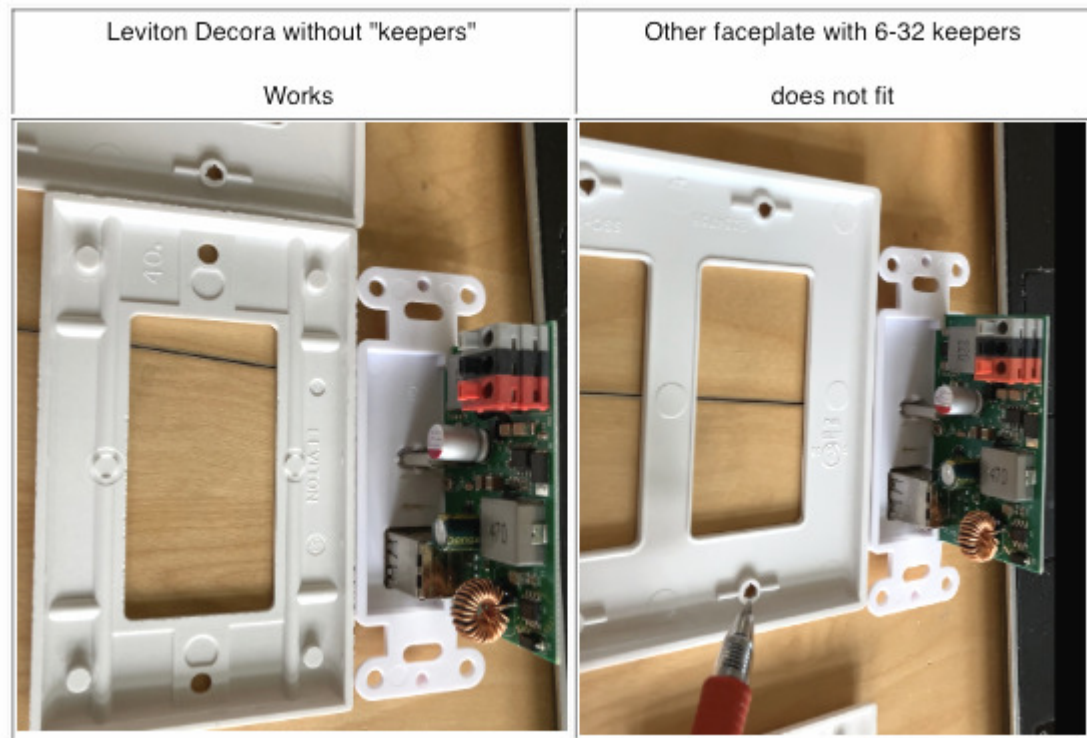
Intended for use with ATX LED lighting installations, USB and USB-C solution offers up to 45 watts of power for fast changing. Use 24 to 56 volts to power this over AWG18 wire. Note: NEC 2017 code limits the total power per home run to 96 watts. The press fit connectors accept up to AWG16 – do not insert multiple wires into one connector. Red is +, Black is -, Gray is earth ground.

Specifications

| Power source | Spring Loaded Terminal | | |
|-----------------------|---|-----------|---------------------------|
| | KF246 type connector – AWG 16 to 20 | | |
| DC output | USB-C connector (see modes below) USB-A connectors (2) with 10 watts each) | | |
| Input Voltage | 24 to 57 volts | | |
| Output Voltages | USB-C Autonegotiate (see table) USB-A 5 volts | | |
| Internal Power usage | Under 200 mW standby | | |
| Operating Temperature | 0°C ~ 50°C | | |
| Size | 108 (frame) 67 (internal) x 38 x 30 mm | | |
| Weight | 3.5 ounces | | |
| Connector | Voltage | Amps | Watts |
| USB-C | 5.0 Volts | 2.39 Amps | 12 Watts |
| USB-C | 9.0 Volts | 2.39 Amps | 21.6 Watts |
| USB-C | 12 Volts | 2.0 Amps | 24 Watts |
| USB-C | 15 Volts | 1.7 Amps | 24 Watts |
| USB-C | 20 Volts | 1.2 Amps | 24 Watts |
| dual USB-A | 5 Volts | 2.1 Amps | Apple and Android fast |



Faceplate Usage



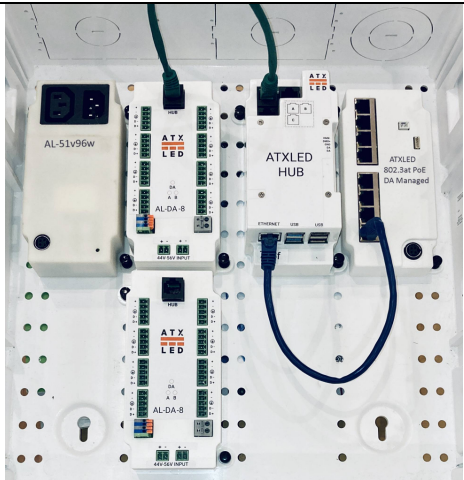
Connecting a ATX E26-660mA bulb to USBc

Convert any existing desk lamp to USB

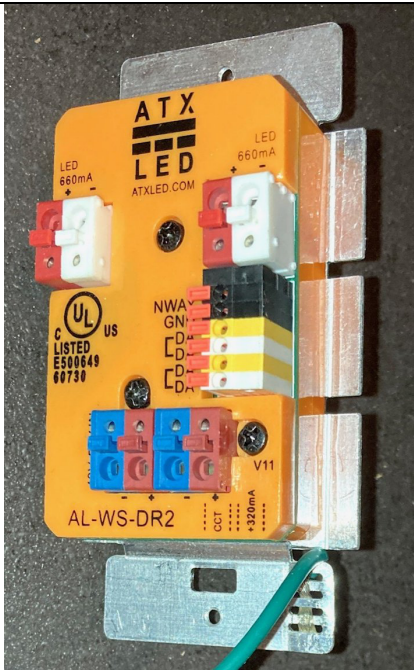
Amazon code B08NRRFRZW (USBc to 9v cable)



Other products from ATX LED Consultants



Structured Wiring
DALI power supply with easy wiring



AL-WS-DR2



Power Supply
100 watt class 2

ATX LED

100% DC low voltage

