PROCET ®
PoE System

PoE to USB-C 23W Power and Data Adapter

PT-PTC-D-AT

Product Overview

PT-PTC-D-AT is an indoor PoE rated networking converter, special convert power&data from PoE to USB - C devices.

Our products provide the flexibility to install USB-C devices, quickly charge the device while enjoying a stable network, and plug in the cable without the need for cumbersome installation.
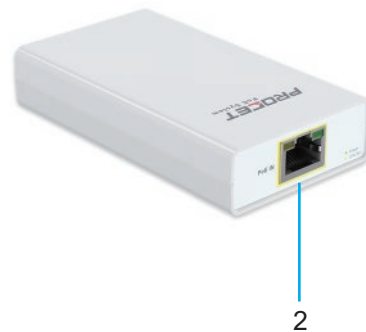
The PoE power supply is located up to 100 meters from the USB-C device. Provides 23W of USB power at the output of the adapter for mobile phones and tablets

Supports the PD2.0/3.0 charging protocol, encapsulated in an IP40 white plastic housing, small in size and easy to pair with almost everything else.
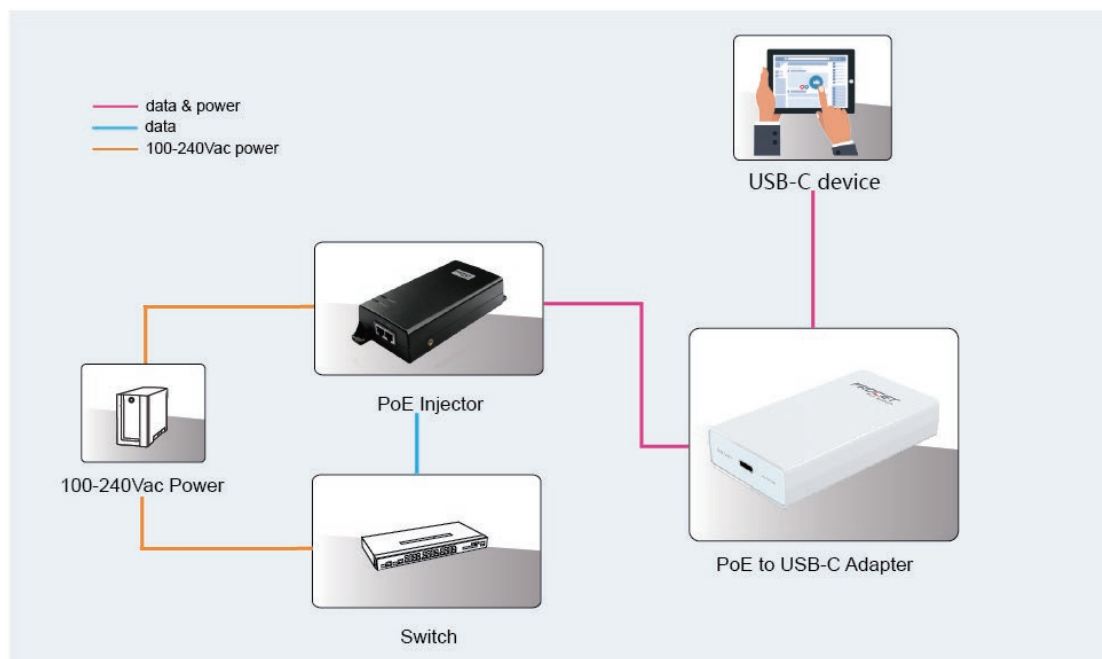
Product Profile

1
1. USB-C output port with data and power

2
2. PoE: Data&Power input port

Product Working Diagram

data & power
data
100-240Vac power

USB-C device

100-240Vac Power

PoE Injector

Switch

PoE to USB-C Adapter

Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- Support PoE injector with IEEE802.3at
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :44-57Vdc IEEE802.3at
- Input Power Pins: 4/5(+), 7/8(-) or 3/6(+),1/2(-)
              or 3/6(-),1/2(+)
- Output: 5V/2.6A ,9V/1.75A, 12V/1.45A,
           15V/1.37A, 20V/1.15A
- Data Speed: 10/100 Mbps

Working Environment

- Operating Temperature: 0℃ to 40℃
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -20℃ to 70℃
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 2000 meters

Mechanical Characteristics

- Case: Plastic
- Color: white
- Mounting: Desktop
- IP Rated: IP40
- Size: 91.2mm X 51.5mm X 18.6mm
- Weight: 62g
- Connectors: RJ45 Female*1
             USB-C Female*1

Safety Approvals

- CE   - FCC

EMI

- FCC CFR47 Part 15, EN55032, EN55035
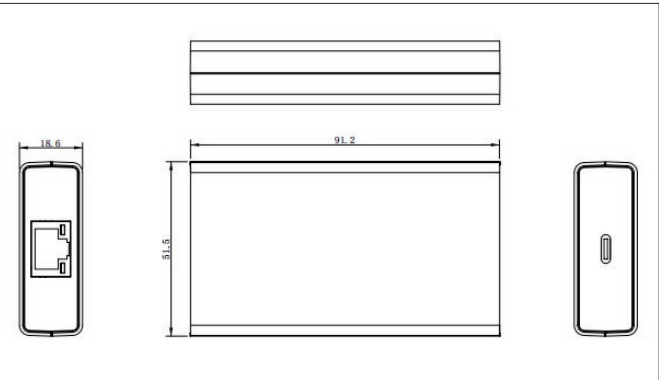
EMS

- IEC61000-4-2(ESD) Air discharge: 8kV,
                    Contact discharge: 4kV, Performance B
- IEC61000-4-3(RS) 80~1000MHz,3V/m,80%AM(1kHz),
                  Performance A
- IEC61000-4-4(EFT) AC Power line: 1kV, Performance B
                  DC Power line:0.5kV,Performance B
                  Signal line:0.5kV, Perfromance B

Immunity

- IEC60068-2-6(Vibration)
- IEC60068-2-27(Impact)
- IEC60068-2-32(Free Fall)

LED Indicator

- RJ45 Port Power Supply LED Indicator (Yellow)
  Light On:Normal power supply
  Light Off:Abnormal power supply

- Type-C Port Data Transmission LED Indicator (Green)
  Light On:Normal connection
  Blinking:Data transfer
  Light Off:Abnormal connection

Order Info.   PT-PTC-D-AT   5-20Vdc/23W(max)/PoE to USB-C

Packing.   PT-PTC-D-AT
             USB-C to USB-C cable(Can deliver power and data) *0.5 meters
             Manual x 1