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POEUSB20-1AT-R



POEUSB60-1BT-R

Phihong introduces Power Delivery Power-over-Ethernet to USB-C converters

Fremont, CA (September 24, 2024) — Phihong, a leading global provider of power solutions, has announced the introduction of its 20W and 60W Power Delivery POE-to-USB Type-C converters. With these new offerings, Phihong continues to stand out as a leader in creating innovative products that meet the demands of modern technology.



POEUSB20-1AT-R: Compact Power Solution for Versatile Applications

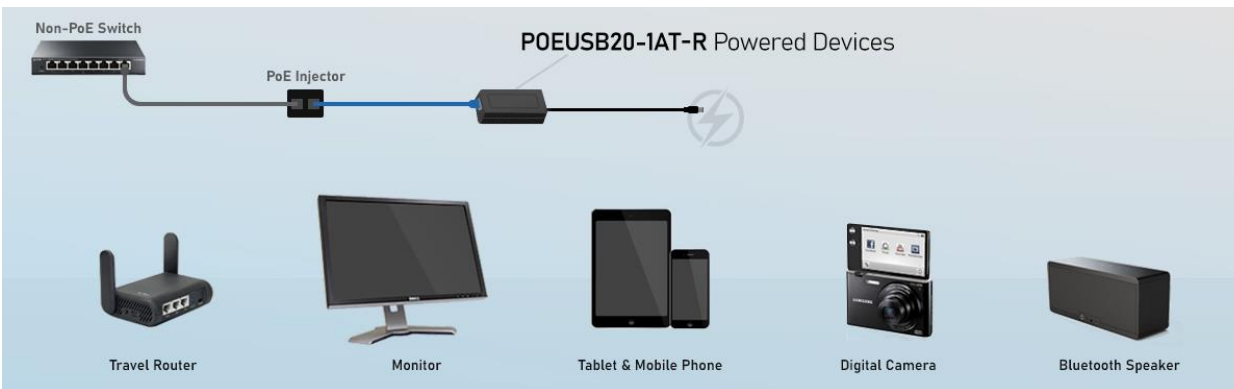
The Pihong POEUSB20-1AT-R is a 20-watt Power over Ethernet (PoE) to USB Type-C converter that delivers reliable power in a compact and efficient form. Designed to work with USB-C Power Delivery powered devices, this converter is ideal for a wide range of applications where efficient and stable power delivery is crucial.

Key Features:

- **USB-C Power Delivery Output:** Ensures efficient and fast charging capabilities for a variety of devices.
- **20 Watts Output:** Provides ample power for charging smartphones, tablets, IP cameras and other USB Type-C devices.
- **PoE Compatibility:** Utilizes existing Ethernet infrastructure to deliver power and data, reducing the need for additional wiring.
- **Compact Design:** Easy to integrate into various setups without taking up much space.

Applications:

The Pihong POEUSB20-1AT-R Power Delivery Power-over-Ethernet (PoE) to USB-C converter is a versatile and efficient solution for powering a wide range of devices. It is particularly well-suited for applications involving cell phones, tablets, and digital cameras, where reliable and consistent power delivery is essential. The USB-C output ensures compatibility with the latest devices, providing fast charging and data transfer capabilities in a compact and convenient form factor.



POEUSB60-1BT-R: High-Power Solution for Demanding Devices

For applications that require more power, the Pihong POEUSB60-1BT-R offers a robust solution. With a 60-watt output, this PoE-to-USB Type-C converter is designed to handle the most demanding devices, providing reliable power where it's needed most.

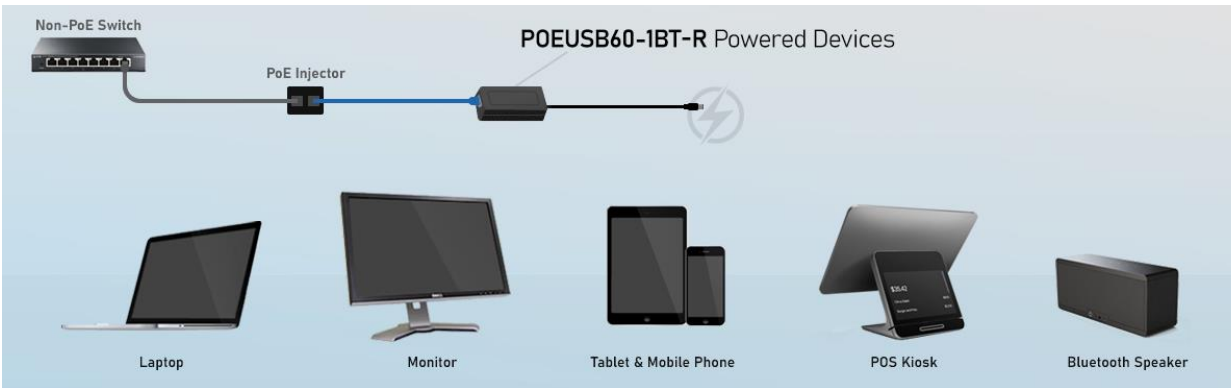
Key Features:

- **USB-C Power Delivery 3.0 Output:** Supports fast and efficient charging for high-power devices.
- **60 Watts Output:** Capable of powering laptops, high-end tablets, and other power-hungry USB Type-C devices.
- **PoE Compatibility:** Leverages existing Ethernet infrastructure from IEEE802.3bt Power Sourcing Equipment for power and data delivery, simplifying installation and reducing costs.
- **Plug-and-Play Design:** Ease of use with no configuring required.

Applications:

The Pihong POEUSB60-1BT-R 60 watt Power Delivery Power-over-Ethernet (PoE) to USB-C converter is a powerful and adaptable solution designed for a wide range of high-demand applications. It is particularly suited for powering notebook computers, USB hubs, drones, speakers, docking stations, and displays, where robust and reliable power delivery is essential. The USB-C output ensures compatibility with the latest devices, providing high-speed charging and data transfer capabilities. The POEUSB60-1BT-R ensures that connected devices receive the precise power levels required for optimal performance, thereby enhancing operational efficiency and device longevity.





Conclusion

Phihong's POEUSB20-1AT-R and POEUSB60-1BT-R converters are at the forefront of power delivery technology, offering versatile and reliable solutions for a wide range of applications. Whether you're looking to power a simple smart device or a high-demand laptop, these converters provide the efficiency, reliability, and convenience that modern technology requires. By leveraging Power over Ethernet technology, Phihong continues to innovate, delivering solutions that meet the growing needs of today's connected world.

“Phihong’s POE-to-USB converters are convenient charging solutions in enterprise settings where Power over Ethernet infrastructure already exists and available power outlets for chargers are either limited or out of reach. By simply connecting an Ethernet cable that is connected to a Power over Ethernet power source on the other end to the converter and a USB C to C cable from the converter to a device one is able to charge his device. This eliminates the need to also lug around a charger or the fear of running out of battery power when not carrying a charger,” states Tom Chin, Senior Product Marketing Manager at Phihong USA.

Datasheet for POEUSB20-1AT-R converter (20W) can be accessed at:
<https://www.phihong.com/wp-content/uploads/POEUSB20-1AT.pdf>

Datasheet for POEUSB60-1BT-R converter (60W) can be accessed at:
<https://www.phihong.com/wp-content/uploads/POEUSB60-1BT.pdf>

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About Phihong

[Phihong](#) is a global leader in the development of world-class power solutions, with annual revenue of \$460 million. A leading supplier of power adapters, power supplies and Power-over-Ethernet injectors, Phihong proudly serves OEMs in the datacom, telecom, networking, personal electronics, industrial, and medical markets, and has a truly global reach with design labs, manufacturing facilities, and sales support centers in California, New York, The Netherlands, Taiwan, Japan, Vietnam, and China.