# Raven *Product Family*

## Charge USB devices through Power over Ethernet

LAVA's Raven PoE Power Adapters take a Power over Ethernet (PoE) signal and split it back up into separate power and data signals for connected devices. Raven Adapters come in different port configurations with options for USB-A and USB-C.

### TECHNOLOGY HIGHLIGHTS

· **Power over Ethernet:** PoE provides data and power over the same Ethernet cable, eliminating the need for a separate electrical cable. The Raven adapters send the power and data signals to different ports for output.

· **CABM:** Continuously Activate Battery Modulation is a plug-and-play technology that prevents a connected device from overcharging and its battery from bloating, extending its lifespan and allowing for 24/7 operation. *CABM is only available in the uRaven PoE Power Adapters.*

## PoE Power Adapters

Power over Ethernet provides power and wired network connectivity over the same Ethernet cable. LAVA's Raven adapters can be installed up to 328 feet (100 meters) away from the power source. You don't need to hire an electrician as the installation does not involve electrical cables going into an AC power source. If no PoE-capable network switch, you can invest in a third-party PoE injector which can turn a regular LAN connection from a modem or router into PoE.



### Raven-A

**Charge Two Devices over USB-A with Power over Ethernet**

· Power over Ethernet (Class 0)
· 2 USB-A ports for charging mobile devices, peripherals
· Universal Charging capabilities
· Wired Networking (10/100) Ethernet support



### uRaven-A

**Charge One Device over USB-A with Power over Ethernet and CABM**

· Power over Ethernet (Class 0)
· 1 USB-A port for charging mobile device, peripheral
· CABM for battery protection & 24/7 operation
· Universal Charging capabilities
· Wired Networking (10/100) Ethernet support



### Raven-C

**Charge Two Devices over USB-C with Power over Ethernet**

· Power over Ethernet (Class 0)
· 2 USB-C ports for charging compatible mobile devices
· Fast Charging capabilities (dependent on mobile device)
· Wired Networking (10/100) Ethernet support



### uRaven-C

**Charge One Device over USB-C with Power over Ethernet and CABM**

· Power over Ethernet (Class 0)
· 1 USB-C port for charging compatible mobile device
· CABM for battery protection & 24/7 operation
· Fast Charging capabilities (dependent on mobile device)
· Wired Networking (10/100) Ethernet support

# Comparison Chart

Check out our comparison chart to see what Raven PoE Adapter product is right for you. LAVA's Raven Adapters come in four different configurations, including different types of USB ports and an option for Continuously Active Battery Modulation.

| Adapter | PoE | Ethernet | USB-A Ports | USB-C Ports | CABM |
|---------|-----|----------|-------------|-------------|------|
| Raven-A | ● | ● | ● 2x | | |
| uRaven-A | ● | ● | ● 1x | | ● |
| Raven-C | ● | ● | | ● 2x | |
| uRaven-C | ● | ● | | ● 1x | ● |