

eSynC-P2UE *Specification Sheet*

SimulCharge™, PoE, Ethernet, 2 x USB Adapter with RBM Technology for USB-C Mobile Devices

The eSynC-P2UE is a SimulCharge™ adapter designed for use with select USB-C mobile devices. It features simultaneous charging and access to data, Power over Ethernet (PoE), wired Ethernet connectivity and 2 USB-A ports for connecting USB peripherals. PoE provides 10.4 watts of charging power and allows the adapter to be placed up to 328 ft (100 m) away from the PoE-capable network switch or injector. The eSynC-P2UE also features Network Recovery & Battery Modulation (RBM) technology. Battery Modulation protects the mobile device's battery from overcharging, while Network Recovery can recover a dropped wired Ethernet connection. The LAVA Tablet Manager (LTM) app must be installed on the mobile device for the adapter to work properly.

FEATURES

- USB Host operation while charging (SimulCharge™)
- Power over Ethernet (Class 0)
- Wired networking (10/100 Ethernet) support
- 2 x USB-A ports
- Battery Modulation for mobile device longevity
- Network Recovery
- Screen Brightness Management
- Support for installations running 24/7
- No mobile device rooting required
- LAVA Limited Warranty

SYSTEM REQUIREMENTS

- Mobile devices: Please refer to the published compatibility list
- Installation of LTM app

POWER INPUT

- Power over Ethernet (13W maximum)
- Appears as a Class 0 PoE Device
- For non-PoE operational use, the Micro USB-B port can be used (port rated for maximum 5V at 2A input)

POWER OUTPUT (TO MOBILE DEVICE)

- 5V at 2A

POWER SUPPLY

- PoE-Capable Network Switch or Power Injector (up to 13W)
- For non-PoE operational use, a USB charger/power supply with a Micro USB-B connector. Any regulated 5-volt power supply capable of at least 2 amperes can be used.

PORTS/CONNECTORS

- 1 x RJ45 10/100 Ethernet port (for PoE & LAN)
- 2 x USB-A ports (for USB 2.0 accessories)
- 1 x USB-C port (mobile device connection)
- 1 x Micro USB-B port ("Aux. 5V Input")

INDICATOR LEDS

- 1 x Charge Status indicator LED
- 1 x Device Link indicator LED
- 1 x Link /Activity indicator LED (On Ethernet Port)
- 1 x USB Activity indicator LED (On Ethernet Port)

CABLES

- 1 x USB-C to USB-C cable (up to 5ft/1.5m)
Note: The cable is not included. However, it may be purchased from LAVA.

MEASUREMENTS

- Depth: 3.3 inches (84 mm)
- Width: 3.8 inches (97 mm)
- Height: 1.7 inches (44 mm) – with standoffs
- Weight: 4.3 oz (122 g)