

# eSynC-P2UE-F *Specification Sheet*

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

The eSynC-P2UE-F is a fast-charging 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 allows the adapter to be placed up to 328 ft (100 m) away from the PoE-capable network switch or injector. It can either fast charge the mobile device at 9 volts or provide standard charging at 5 volts. The eSynC-P2UE-F 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)
- Fast Charging
- 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

### POWER OUTPUT (TO MOBILE DEVICE)

- 9V at 1.1A (fast charging)
- 5V at 2A

### POWER SUPPLY

- PoE-Capable Network Switch or Power Injector (up to 13W)

### 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)

### 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: 4.96 inches (126 mm)
- Width: 3.78 inches (96 mm)
- Height: 1.69 inches (43 mm) – with standoffs
- Weight: 4.4 oz (125 g)