

eSynC-vcE *Specification Sheet*

SimulCharge™, Voltage Converter, Ethernet Adapter with RBM Technology for USB-C Mobile Devices

The eSynC-vcE is a SimulCharge™ adapter designed for use with select USB-C mobile devices. It features simultaneous charging and access to data, a built-in voltage converter and wired Ethernet connectivity. The built-in voltage converter can take a DC power input of 9-36V and steps it down to 5V for use with the mobile device. It allows the adapter to be placed up to 50 feet (15m) away from the power source. The eSynC-vcE 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™)
- Voltage converter
- Wired networking (10/100 Ethernet) support
- 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

- DC power source capable of 9-36V

POWER OUTPUT (TO MOBILE DEVICE)

- 5V at 2A

POWER SUPPLY

- 9-36V DC power supply with 2mm Center Pin Positive Barrel Jack connector (sold separately)

PORTS/CONNECTORS

- 1 x RJ45 10/100 Ethernet port (LAN)
- 1 x Barrel (2 mm) DC Output Connector (Centre Pin Positive)
- 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: 3.3 inches (84 mm)
- Width: 3.8 inches (97 mm)
- Height: 1.7 inches (44 mm) – with standoffs
- Weight: 4.2 oz (119 g)