

# eSynC-vc5UE *Specification Sheet*

## SimulCharge™, Voltage Converter, Ethernet, 5 x USB Adapter with RBM Technology for USB-C Mobile Devices

The eSynC-vc5UE 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, wired Ethernet connectivity and 5 USB-A ports for connecting USB peripherals. 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. The eSynC-vc5UE 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
- 5 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

- DC power source capable of 9-36V
- Use power supply capable of outputting 20W or higher

### 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)
- 5 x USB-A ports (for USB 2.0 accessories)
- 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: 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)