

# eSynC-vc1U *Specification Sheet*

## SimulCharge™, Voltage Converter, 1 x USB Adapter with RBM Technology for USB-C Mobile Devices

The eSynC-vc1U 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 1 USB-A port for connecting a USB peripheral. 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-vc1U also features RBM technology's Battery Modulation, which protects the mobile device's battery from overcharging. 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
- 1 x USB-A port
- Battery Modulation for mobile device longevity
- 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
- For aux. power, the USB-C port can be used (port rated for maximum 5V at 2A input)

### 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)
- For auxiliary power, a USB charger/power supply with a USB-C connector, such as the power supply provided with the mobile device. Any regulated 5-volt power supply capable of at least 2 amperes can be used.

### PORTS/CONNECTORS

- 1 x USB-A port (for USB 2.0 accessory)
- 1 x Barrel (2 mm) DC Output Connector (Centre Pin Positive)
- 1 x USB-C port (mobile device connection)
- 1 x USB-C port ("Aux. 5V Input")

### INDICATOR LEDS

- 1 x Charge Status indicator LED
- 1 x Device Link indicator LED
- 1 x USB connect indicator LED

### 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: 4.0 oz (113 g)