

nSynC-vc1U *Specification Sheet*

SimulCharge™, Voltage Converter, 1 x USB Adapter for USB-C Mobile Devices

The nSynC-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 nSynC-vc1U also supports Docking Detect, which ensures the “greeting protocols” between the mobile device and adapter are executed consistently and correctly every time they are plugged in. 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.

FEATURES

- USB Host operation while charging (SimulCharge™)
- Voltage converter
- 1 x USB-A port
- Docking Detect
- No mobile device rooting required
- LAVA Limited Warranty

SYSTEM REQUIREMENTS

- Mobile devices: Please refer to the published compatibility list

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)