

nSTS-vcE *Specification Sheet*

SimulCharge™, Voltage Converter, Ethernet Adapter for Samsung Micro USB Tablets

The nSTS-vcE is a SimulCharge™ adapter designed for use with select Samsung Micro USB tablets. It features simultaneous charging and access to data, a built-in voltage converter and wired Ethernet connectivity. The nSTS-vcE 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
- Wired networking (10/100 Ethernet) support
- 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 Micro USB-B 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 Barrel Jack connector (sold separately)
- For auxiliary power, a USB charger/power supply with a Micro USB-B 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 RJ45 10/100 Ethernet port (LAN)
- 1 x Barrel (2 mm) DC Output Connector (Centre Pin Positive)
- 1 x Micro USB-B port (mobile device connection)
- 1 x Micro USB-B port (“Aux. 5V Input”)

INDICATOR LEDS

- 1 x Charge Status indicator LED
- 1 x Link /Activity indicator LED (On Ethernet Port)
- 1 x USB Activity indicator LED (On Ethernet Port)

CABLES

- 1 x Micro USB-B to Micro USB-B cable

Note: The custom cable connects the LAVA product to the mobile device. This cable must not be extended.

MEASUREMENTS

- Depth: 3.3 inches (84 mm)
- Width: 3.8 inches (97 mm)
- Height: 1.7 inches (44 mm) – with standoffs
- Weight: 4.1 oz (116 g)