

nSTS-vc1U *Product/Green Sheet*

SimulCharge™, Voltage Converter, 1 x USB Adapter for Samsung Micro USB Mobile Devices

The nSTS-vc1U is a SimulCharge™ adapter designed for use with select Samsung Micro USB mobile devices. It features simultaneous charging and access to data, a built-in voltage converter, one USB-A port for connecting a USB peripheral and Docking Detect.

The nSTS-vc1U's on-board DC-DC voltage converter can take a power input of between 9 and 36 volts* and steps it down to the 5 volts required by most mobile devices**. The adapter can be used to supply power in permanent and semi-permanent installations (adhering to local electrical codes) with minimal installation cost. This eliminates the requirement for a licensed electrician to install and run a dedicated AC power line.

The adapter can also be installed up to 50 ft (15 m) from the AC power source. This means it can be installed in locations with limited electrical outlets and provides greater options for mobile device placement.

The nSTS-vc1U's USB-A port allows you to connect a peripheral, such as a scanner, printer or card reader. It is ideal for running mobile-based staff time clocks, check-in kiosks or automotive applications.

Docking Detect ensures the “greeting” protocols between the SimulCharge™ adapter and mobile device are executed correctly and consistently every time they are connected. This allows the adapter to be a plug-and-play technology that ensures the mobile device always operates in USB Host mode (SimulCharge™).

The adapter comes in a beige ABS casing that protects the electronics from mild shocks and impacts, allowing it to be used in different implementations. It ships with a Micro USB to Micro USB cable to connect the mobile device. This custom LAVA cable must not be extended or replaced with a third-party one. Doing so will cause the mobile device to stop working.



**The 9-36V DC power supply is not included with the adapter and must be purchased separately.*

***The mobile device can also be powered through the adapter's Micro USB-B port, which is rated for the standard 5 volts at 2 amps. It is recommended to use the charging cable that came with the mobile device. A separate power supply is not included.*