

# nSynC-vcE-F *Product/Green Sheet*

## Fast-Charging SimulCharge™, Voltage Converter, Ethernet Adapter for USB-C Mobile Devices

The nSynC-vcE-F is a fast-charging 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 Docking Detect.

The nSynC-vcE-F's on-board DC-DC voltage converter can take a power input of between 12 and 36 volts\* and can provide either 9-volt fast charging or the standard 5-volt charging to compatible 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.

When a 36-volt power supply is used, you also get a distance power advantage. This means it can be installed in locations with limited electrical outlets and provides greater options for mobile device placement.

The nSynC-vcE-F's Ethernet port provides a reliable 10/100-capable wired network connection. It is ideal for running mobile POS systems, company management systems or digital signage.

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 black ABS casing that protects the electronics from mild shocks and impacts, allowing it to be used in different implementations. It does not ship with the USB-C to USB-C cable required to connect the adapter to the mobile device. This cable can be purchased separately from LAVA or a third-party supplier.



*\*The 12-36V DC power supply is not included with the adapter and must be purchased separately.*