

nSynC-vcE *Product/Green Sheet*

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

The nSynC-vcE 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, wired Ethernet connectivity and Docking Detect.

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

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