

# uSynC-1U MINI *Product/Green Sheet*

## SimulCharge™, 1 x USB With CABM For Samsung USB-C Mobile Devices

The LAVA uSynC-1U MINI adapter is a small, easily portable SimulCharge™ adapter with one USB-A port and features Continuously Active Battery Modulation (CABM) technology.

SimulCharge™ technology allows select Samsung mobile devices, such as tablets and smartphones, to charge while simultaneously communicating with peripherals. The uSynC-1U MINI comes with a USB-A port, allowing you to connect one peripheral, such as a printer or scanner, to enhance the functionality of your Samsung mobile device.



CABM technology is designed to protect the mobile device from overcharging and its battery from bloating, which can cause severe damage. The plug-and-play technology monitors the mobile device as it charges and when the current slows, indicating the device is near a full charge, the adapter disconnects charging power to the mobile device. The mobile device can still communicate with the USB port but the mobile device's battery is allowed to discharge. After a preset number of hours, the mobile device will begin to charge again\*.

The uSynC-1U MINI adapter also features Docking Detect technology, which ensures that the “handshake” protocols between the SimulCharge™ adapter and mobile device are executed correctly and reliably every time the units are connected. Docking Detect ensures the tablet recognizes the adapter is present and connects with it on the first try and that the connection isn't dropped until the adapter is unplugged.

The adapter also comes with two USB-C ports, one to connect to the mobile device, the other to connect with the power source. Any regulated 5-volt power supply capable of a minimum 2 amperes can be used. It is recommended that the power supply and cable provided with the mobile device be used to power the adapter.

The adapter does not ship with a USB-C to USB-C cable as standard, to connect the adapter to the mobile device, but a cable can be purchased from LAVA or third-party suppliers\*\*.

**\*Note:** The uSynC-1U MINI is programmed by LAVA personnel at the factory. The mobile device and discharge time must be discussed with LAVA representatives prior to adapter manufacture and deployment, to ensure the proper configuration is loaded.

**\*\*Note:** A USB-C male-to-male cable capable of power and data (USB 2.0 or higher) must be used for a proper connection to be established between adapter and tablet.