

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

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

The LAVA uSTS-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 uSTS-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 uSTS-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 Micro USB-B 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 ships with a custom Micro USB-B to Micro USB-B cable. The cable must not be extended.

**\*Note:** The uSTS-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:** The uSTS-1U MINI does not feature Hub Mode out of the box, which turns off CABM to allow the mobile device to charge to full capacity, but it can be configured that way upon request.