

oSynC-3U OTG *Feature Sheet*

SimulCharge™, 3 x Micro USB OTG Adapter for USB-C Mobile Devices

The oSynC-3U OTG is a SimulCharge™ adapter designed for use with select USB-C mobile devices. It features simultaneous charging and access to data, OTG, three Micro USB ports for connecting USB peripherals, True Dead Battery Mode and Docking Detect.

The oSynC-3U OTG's Micro USB ports allow you to connect up to three peripherals, such as a scanner, printer and card reader. It is ideal for running mobile-based staff time clocks, warehouse management systems or retail kiosks.

If the mobile device has too little power to negotiate a power contract with the adapter, the oSynC-3U OTGv will switch to True Dead Battery Mode. In this mode, the adapter temporarily cuts off communication with USB data and charges the mobile device like a dedicated charging port. After 60 seconds, the adapter will try to negotiate a power contract with the mobile device. If the contract is unsuccessful, the adapter will switch back to True Dead Battery Mode for another 60 seconds. This process will continue a successful power contract is negotiated.

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™).

Note: For system requirements and other technical information regarding this adapter, please see the specification sheet.



Features

- USB Host operation while charging (SimulCharge™)
- OTG
- 3 x Micro USB ports
- True Dead Battery Mode (DCP)
- Docking Detect
- No mobile device rooting required
- LAVA Limited Warranty

Use Cases

- Pop-Up Retail Kiosk
- Portable POS System
- Outdoor Festivals
- Warehouse Management System
- Self-Checkout Kiosk