

PHONEFUSE™

OVERCHARGE PROTECTION



PRODUCT OVERVIEW

For a healthier phone battery use PhoneFuse™ by LAVA.

PhoneFuse™ is an accessory that sits between the charge adapter and your phone. PhoneFuse™ protects the device battery from being trickle charged and/or overcharged. Stories about swollen mobile phone batteries, the frequent replacement of device batteries, as well as a fast-draining smartphone batteries can be a thing of past. A healthy charged battery is now possible.

FUNCTIONALITY

The main function of PhoneFuse™ is to prevent trickle charging of your phone. Over time trickle charging will damage and degrade your device battery. PhoneFuse™ charges your phone for the maximum manufacturer recommended time and then, acting like a fuse, disconnects the phone from the power source.



MULTI-PROTECTION-SYSTEM



OVERCHARGE PROTECTION

PhoneFuse™ will detect when your phone battery is close to being fully charged and then acting like a fuse, it will stop further charging.



BATTERY HEALTH PROTECTION

As phone manufacturers recommend, PhoneFuse™ will prolong your battery lifespan by charging a phone for 4 hours or until the device is close to being fully charged.

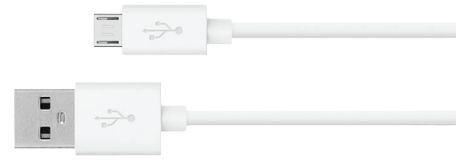


POWER MONITORING

PhoneFuse™ will keep your battery healthy for longer by protecting a phone battery from being constantly charged once it reaches 100% (trickle charging).

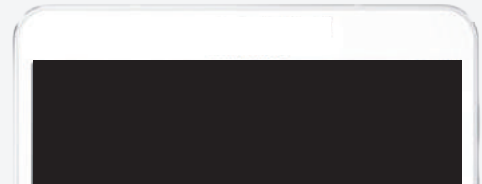
ADVANCED FUNCTIONALITY

To charge your device after PhoneFuse™ has tripped, simply press the Boost Button located on PhoneFuse™ and the device will start charging your phone again.



COMPATIBILITY

PhoneFuse™ is compatible with all Lithium-ion batteries used in mobile phones and tablets, regardless of manufacturer, as long as they use a 5V USB charger e.g. Micro USB B, USB C, or Lightning charging connector.



3 EASY STEPS TO CHARGE WITH PHONEFUSE™

1

PLUG IN

THE USB CHARGE ADAPTER TO THE POWER OUTLET

2

CONNECT

PHONEFUSE™ BETWEEN THE DEVICE CHARGER AND THE PHONE/TABLET

3

PRESS PHONEFUSE BUTTON

TO START CHARGING WITH OVERCHARGE PROTECTION



PRODUCT BACKGROUND

PhoneFuse™ is a consumer product that evolved from LAVA's commercial grade SimulCharge® and Battery Modulation (RBM) technologies, designed to protect tablet batteries used in 24/7 kiosk applications. PhoneFuse™ brings the benefits of this technology to the retail shelf.

PRODUCT DETAILS

Connectors:
1 x USB A port
1 X Micro USB B port

Dimensions:
1.14"W x 1.57"H x 0.59"D
(29mm x 40mm x 15mm)

Shipping weight:
7.06 oz.
200g (with cable)



PRODUCT DESIGNED AND MANUFACTURED BY LAVA

LAVA Computers MFG. Inc. designs and manufactures computing interfaces and devices for Point of Sale, Kiosk, Gaming, Industrial Automation, Security and Access Control industries, and has been doing so since 1984. As experts in serial interfaces for PCI, PCIe, ISA, USB, and Ethernet buses, LAVA builds tablet PoE/USB/LAN devices, Ethernet-to-serial device servers, serial/parallel I/O boards, and embedded IoT/M2M connectivity devices. With over a million LAVA products built into workstations, servers, retail POS systems, and industrial computers, LAVA products are trusted by resellers, distributors, OEMs and system builders in over 47 countries worldwide.