



isdt BL8

Battery Checker
User manual

感谢您购买ISDT BL8智能电显

欢迎访问ISDT官方网站www.isdt.co获取更多信息并购买配件。

由于产品持续更新，
您手中的说明书可能与实际操作存在差异，
请以实际功能为准。

☐ 产品使用注意事项

- 使用本产品前，请仔细阅读并遵守本文档及产品本身提供的所有安全与合规说明。
 - 请勿在阳光直射、雨天或潮湿环境中使用本产品。
 - 请使本产品远离热源、高压电、水源、易燃气体、腐蚀性物质及其他危险物品。
 - 保持本产品内部干燥。防止任何液体（如水或油）进入其中。
 - 请勿用手或任何物体触摸电池接口或本产品的金属端子。
 - 如有异物附着在金属端子上，请在设备断电状态下用干布擦拭干净。
 - 在轻轻按压插入电池前，请确保电池接口与产品接口对准。
- 不当插入可能会损坏电池与本机。
- 请始终在适宜的环境温度范围内（建议0°C至40°C）使用本产品。
 - 严禁以任何方式拆卸或损坏本产品。

☐ 产品参数

电源输入: 3.5-36V= 0.2A

支持电池串数: 2S-8S

每串电压测量范围: 0.8V-5V=

电压测量精度: ±5mV

最大平衡电流: 3A

产品尺寸: 66.13×42.77×13mm

产品重量: 28.8g(±10%)

☐ 按键的功能描述

设备上电后，默认半分钟不操作会自动降低屏幕亮度，1分钟不操作会关闭屏幕显示进入休眠状态，从而降低设备功耗。

短按：开始/停止平衡。待机时短按开启平衡任务，再次短按则会停止平衡返回至待机状态。

长按：关闭/打开平衡工作时的熄屏功能。长按至绿灯闪烁代表屏幕显示上锁。如果此时设备正在平衡状态，屏幕不会关闭显示界面。再次长按至红灯闪烁表示屏幕显示解锁，如果长时间不操作会进入休眠状态。（当屏幕亮度降低或熄屏时，短按按键可重新唤醒）

Thank you for purchasing the ISDT BL8 Battery Checker

Welcome to log in to the official website of ISDT at www.isdt.co for more information and to purchase additional accessories. Due to continuous product updates, the instructions you have in your hands may differ from actual operation, so please refer to the actual functionality.

Product Usage Notes

- Before using this product, carefully read and follow all safety and compliance instructions provided with this document and the product itself.
- Do not use this product in direct sunlight, rain, or damp environments.
- Keep this product away from heat sources, high voltage, water, flammable gases, corrosive agents, and other hazardous materials.
- Keep the interior of this product dry. Prevent any liquids such as water or oil from entering it.
- Do not touch the battery interface or the metal terminals of this product with hands or any objects. If foreign matter adheres to the metal terminals, wipe it clean with a dry cloth while the device is powered off.
- Ensure the battery interface is aligned correctly with the product's interface. Before gently pressing to insert the battery, please ensure the battery interface is aligned with the product's interface. Improper insertion may damage the battery and the device.
- Always use this product within a suitable ambient temperature range (recommended 0°C to 40°C).
- Disassembly or damaging this product in any way is strictly prohibited.

Product Parameters

Power Input: 3.5-36V= 0.2A

Voltage measurement range per string: 2S-8S

Voltage measurement range: 0.8V-5V=

Voltage measurement accuracy: ±5mV

maximum balance current: 3A

Product Dimensions: 66.13×42.77×13mm

Product Weight: 28.8g (±10%)

Button Functions Description

After the device is powered on, it will automatically reduce screen brightness after 30 seconds of inactivity by default, and turn off the screen display to enter a dormant state after 1 minute of inactivity, thereby reducing device power consumption.

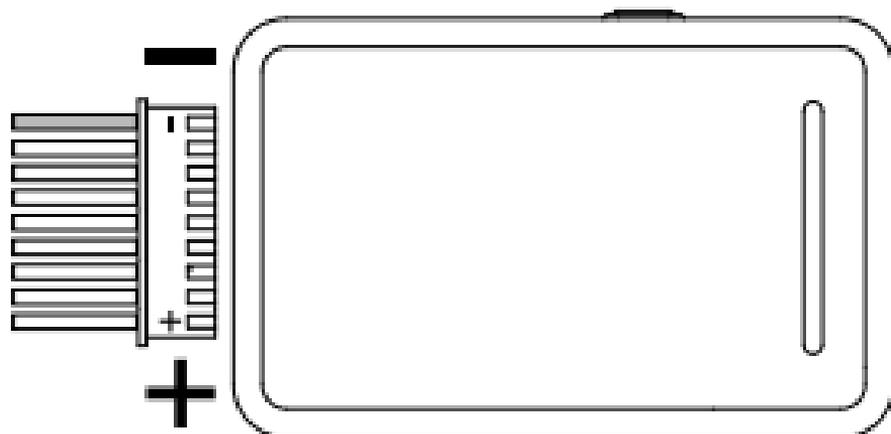
Short Press: Start/Stop balancing. In standby mode, a short press initiates the balancing task. Pressing it again stops balancing and returns the device to standby mode.

Long Press: Enables/disables the screen-off function during balance mode.

Hold until the green light flashes to lock the screen display. If the device is in balance mode at this time, the screen will not turn off.

Hold again until the red light flashes to unlock the screen display. If there is no operation for an extended period, the device will enter sleep mode.

(When the screen dims or turns off, a short press of the button can wake it up.)



本产品检测口适用于连接XH 2.54平衡接口的锂电池包，连接电池时以“BAT-”作对齐，上图演示平衡插头插入的对齐示意。

The detection port of this product is used to connect a lithium battery pack with an XH 2.54 balance interface.

When connecting the battery, align it with the "BAT-" mark.

The diagram above illustrates the alignment for inserting the balance plug.



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*All product photos, statements and literature are for reference only. For up-to-date information, please visit our official site www.isdt.co. SHENZHEN ISD TECHNOLOGY CO.,LTD

ISDT reserves the right of final explanation and revision for the terms.