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A4 Air
智能充电器操作说明书

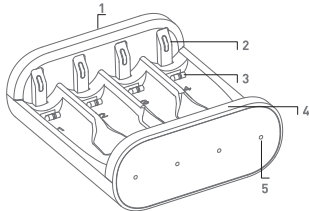WWW.ISDT.CO

深圳艾斯特创新科技有限公司

感谢您购买ISDT A4充电器

为确保安全和良好的用户体验, 在使用本产品之前, 请阅读这些说明和警告。

1.请勿使用非充电电池, 及表面绝缘层已破损的电池;
2.使用过程中确保充电器远离热源及潮湿环境, 并注意通风散热;
3.切勿让儿童玩变电电池及充电器。

产品规格

型号: A4 Air
输入: DC 5~9V/1.5A
最大输出功率: 10W
最大充电电流: 1.00A/槽
Led指示灯
电池尺寸: AAA, AA, 10500, 12500
电池类型: NiMH, NiCd, NiZn, Li-Ion, LiFePO4, LiHv
工作温度: -10℃ ~ 40℃
尺寸: 59×63×25毫米
重量: 36克

操作指引

1. USB Type-C电源输入及电脑连接端口
2. AA电池负极触片
3. AAA电池负极触片
4. 电池正极触片
5. Led指示灯

A4 Air最多可为任意组合的四颗AA或AAA电池充电
1. 确保电池的正极和负极与充电器的正极和负极匹配;
2. 将本产品USB Type-C接口与5-9V直流电源 (手机适配器或电脑USB均可) 连接, 给电池充电;
3. 充电指示灯(青色、紫色)慢闪表示正常充电, 充电指示灯绿色常亮表示对应电池已经充满。

LED指示灯说明

正常充电	对应指示灯闪烁
	NiMH/Cd/Zn: 青色 Li-Ion/LiFePO4/LiHv:紫色
	电池电量<25%: 单闪
	电池电量25%~75%: 双闪
	电池电量75%~99%:三闪
充满	对应绿色指示灯常亮
充电异常	红色指示灯:
	单闪: 电池内阻过大或误装一次性电池
	双闪: 电池充电温度过高或过低
	三闪: 电池充电容量超限或充电时间过长
	常亮: 通道硬件故障, 无法充电

系统故障说明

设备上电后自动进行自检, 在自检过程中各通道的指示灯 (白色) 依次点亮熄灭。

自检正常——所有指示灯全部熄灭;
自检异常——指示灯 (红色) 提示异常类型, 具体异常类型见下表。

系统故障说明

通道1	通道2	通道3	通道4	系统自检错误类型
闪烁	灭	灭	灭	超出使用温度极限
闪烁	闪烁	灭	灭	输入电压超出范围
闪烁	闪烁	闪烁	灭	设备故障, 无法正常工作
闪烁	闪烁	闪烁	闪烁	设备固件异常, 请更新固件

如果设备一直处于待机状态 (无电池装入), 指示灯 (白色) 每隔5s闪烁一次。

故障排除

现象	可能原因	处理方法
电池接入指示灯不亮	电池安装不到位, 或电池装反	将充电电池正确装入
	电池与充电器接触不良	用干布或棉签擦拭接触点的污垢
充电时间过长	输入电源功率不足	建议使用5V/1A及以上功率电源

下载并安装ISD Link App

1. 官网下载: 移动设备登录官方网站 www.issdt.co, 在 "技术支持-应用软件 "界面下载并安装;
2. 扫码下载: 移动设备直接扫描尾页对应二维码, 根据提示下载并安装。
3. 通过点击App右上角的 "+ "根据提示添加设备即可开始使用。

*本产品所有图片、声明及文字资料仅供参考。

实际信息请参考官方网站 www.isdt.co 。

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A4 Air
Smart Charger Operating Instructions

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Shenzhen ISD Technology CO.,LTD

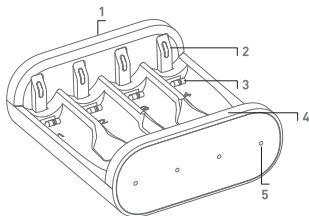
Thank you for purchasing ISDT A4 Smart USB battery charger.

For your safety and a better user experience please read this manual and follow the instructions before using your new charger.
1, Never attempt to charge a broken surface of insulation or a non-rechargeable battery.
2, Keep the charger away from humidity and high temperature
3, Do not let children play with any batteries or chargers.

Specification

SMART CHARGER A4 Air
Input Voltage and Current: DC 5~9V/1.5A
Max Charging Power: 10W
Max Charging Current: 1.00A/slot
Battery Sizes:AAA,AA,10500,12500
Battery Types:NiMH, NiCd, NiZn, Li-Ion, LiFePO4, LiHv
Operating Temperature: -10℃-40℃
Dimensions (LxWxH): 63 x 59 x 25mm
Weight: 36g
Accessories: Micro USB cable

Operation Introduction

1. **USB Type-C** port for power input and PC connection port
2. AA battery negative plate
3. AAA battery negative plate
4. Battery positive plate
5. Status indicator LEDs

The A4 Air Smart USB Charger can charge 1-4 AA or AAA rechargeable batteries in any combination.
• When inserting batteries in to the charger always observe the correct polarity as marked on each battery slot.
• Connect the A4 battery charger to a 5-9V DC power source (such as a mobile phone USB power adapter or PC USB port) via its **USB Type-C** port.
• The Cyan-blue or purple light blinks slowly during normal charging and turn solid green when charging is completed.

LED Indicator Light Introduction

	Corresponding indicator lights blink
Charging	NiMH or NiCd or NiZn: Cyan-blue light; Li-Ion or LiFePO4 or LiHv: Purple light
	Battery level less than 25% : Single Blink
	Battery level between 25%-75% : Double Blink
	Battery level between 75% - 99% : Triple Blink
Full charged	Corresponding indicator light turns Solid Green
Abnormal charge	An abnormal or error condition is indicated by a Red indicator light
	Single Red Blink: The internal resistance of battery is too high or charging a non-rechargeable battery by mistake
	Double Red Blink: The charging temperature is too high or too low
	Triple RED Blink: The charge capacity or time limit has been exceeded
	Solid Red : Channel hardware error, unable to charge

System Self Test Description

The ISDT A4 Smart USB battery charger has a sophisticated self check feature which will start automatically when the unit is powered on, and during this check, each indicator light will briefly turn on and off.

Self-checking Tested OK: all indicator lights will turn off
Self-checking Failed: the corresponding red indicator light will indicate the exception, please see the table above for exception types.

System Failure Description

Channel1	Channel2	Channel3	Channel4	Self-checking exception types
blink	off	off	off	Exceeds the limit of operating temperature
blink	blink	off	off	Out of range of input voltage
blink	blink	blink	off	Charger device problem
blink	blink	blink	blink	Firmware exception, please update

Once the charger has completed the self test and no batteries are inserted, the charger will enter standby mode and the white indicator light will be blinking every 5 seconds.

Clearing of Fault

Faults phenomenon	Possible reasons	Solution
Power on while the light is not brigh	The battery is inserted the wrong way	Re-insert the battery with the correct polarity
	The battery is making poor contact with the charger	Clean the contacts with a dry cloth or cotton swab
Taking too long to charge	Low-power input	Use more than 5V/1A input power

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Download and Install App

1. Download from the official website:Log in to the official website www.isdt.co with your mobile devices, download and install in the "Support - Software" intherface;
2. Download by scanning code: You could use your mobile device directly scans the QR code corresponding to the last page, then downloads and installs it according to the prompts.
3. Click "+" on the upper right corner of App surface, then follow the direction to add the device to get started.

*All product photos ,statements and literature are for reference only
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