BattGO

E405

智能充电器

使用说明

感谢您购买ISDT E405智能充电器。

ISDT E405 是我们最新的创新型充电器，配备 GaN（氮化镓）电源，是专为各种电池类型设计的多功能高功率密度充电解决方案。
它可以通过USB升级接口进行升级，产品功能将不断升级，目前的手册可能会随着时间的推移而有所不同。
请参阅我们的社交媒体以获取最新更新。

警告与安全提示

为确保您的安全和良好的用户体验，请在使用本产品前阅读本说明和警告。

- 请仔细阅读说明书，熟悉充电器的功能，并在操作前设置正确的充电参数。参数设置不正确可能会导致产品损坏、从而造成您的财产损失，并有可能造成其他严重伤害。
- 切勿在无人看管的情况下使用充电器，若充电器出现任何功能异常，请立即停止使用并根据说明书检查原因。
- 确保充电器远离灰尘、潮湿、雨水和高温，避免阳光直射和强烈震动；
- 将充电器放置在耐热、不易燃和绝缘的表面上，请勿放置在汽车座椅、地毯或其他类似地方；
- 请确保易燃易爆物品远离充电器的操作区域；
- 请确保您对所用电池的充放电特性和规格有充分的了解，并在充电器中设置合适的充电参数。如果参数设置不正确，可能会造成充电器和电池的损坏，甚至引起火灾、爆炸等灾难性后果。

- 接入电池前请确保电池电压与本产品工作电压范围相符；
- 工作过程中请确保选择的串数与接入电池串数一致；
- 使用过程中确保本产品远离热源及潮湿环境，并注意通风散热；
- 本产品工作过程中会释放热量，表壳温度升高，切勿让儿童操作，以免烫伤；
- 使用结束后，应尽快断开及移除电池。


警告!


远离火源!

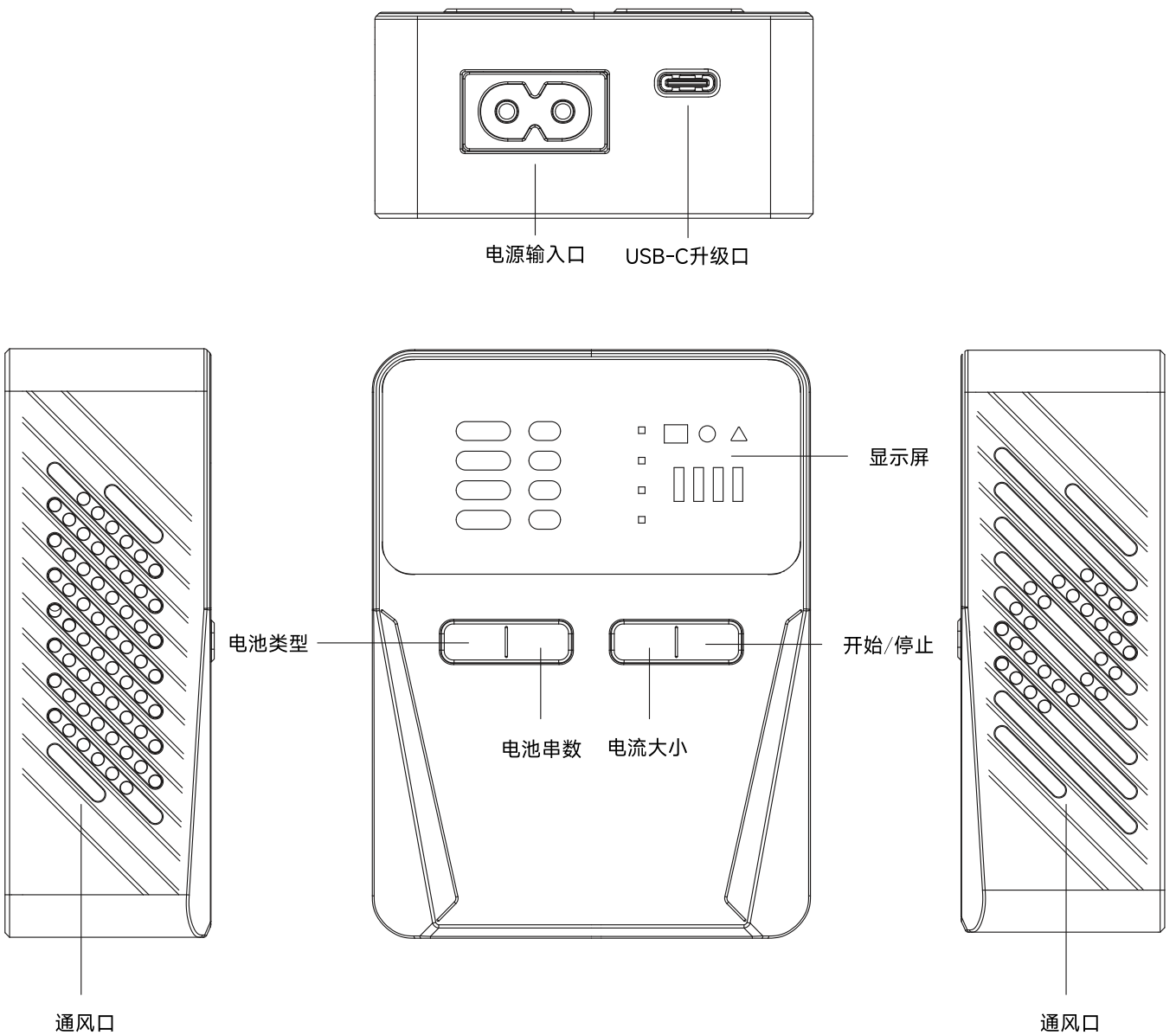
产品规格

输入电压范围：100V-240V~ 2.5A 50/60Hz
输出电压范围：4-18V⎓
充电电流：1A.2A.3A.5A
最大充电功率：40W
平衡电流：0.5A/每个电芯最大值
支持电池类型及串数：LiFe,LiPo,LiHv 1~4S；NiMH 3~12S
工作温度：0~40℃
尺寸：90×67×32mm
重量：约131g

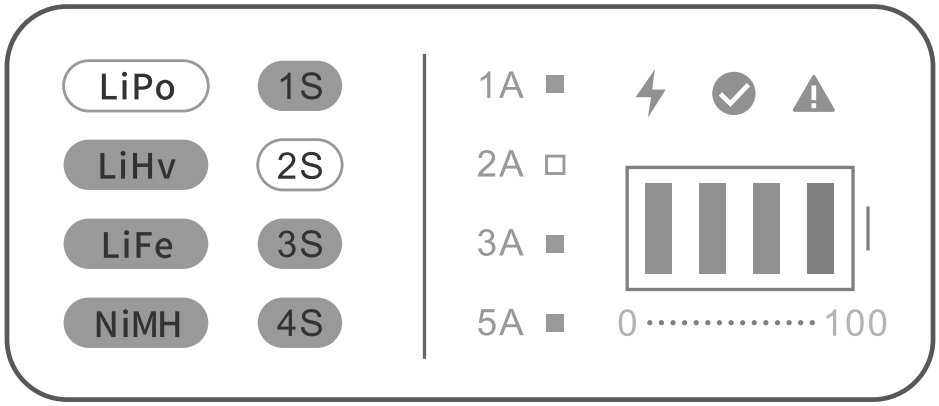
充电器预设电池类型及任务参数

	额定电压	满充电压	平衡充	非平衡充	支持串数	最大充电电流
NiMH	1.20V	1.50V	✗	✓	3–12S	5A
LiFe	3.20V	3.65V	✓	✓	1–4S	5A
LiHv	3.80V	4.35V	✓	✓	1–4S	5A
LiPo	3.70V	4.20V	✓	✓	1–4S	5A

接口 / 按键


电源输入口
USB-C升级口
显示屏
电池类型
开始/停止
电池串数
电流大小
通风口
通风口
2S
3S
4S
平衡口
电池输出口

按键操作说明





1：选择电池类型

2：选择电池串数



3：电池电流大小

4：开始/停止

下方按键对应上方显示内容，根据其电池类型及串数，充电电流去进行调整。设置完成之后再点击开始按钮。

充电器操作

在操作充电器之前，请先了解电池规格和任何特定于电池的安全警告。

1.将随附的交流电源线连接到充电器或适当的电源，为充电器供电。
2.将电池连接到充电器正面的端口。
3.连接平衡导线，确保平衡导线直接连接到平衡端口。
（强烈建议不要添加额外的平衡板，否则可能会误读正确的电池电压）
4.调整对应参数，点击该项下方按键，多次短按调节至所需数值。
5.仔细检查从电源到电池的连接是否正确。
6.按下最右边按钮开启充电/停止任务。

无线连接

应用程序连接，扫描底部的二维码下载并安装ISD Link APP
1.打开APP前，请打开无线通信。
2.打开APP并点击右上角的“+”符号开始搜索正在运行的设备。
(将手机靠近设备以获得最佳连接)
3.设备将发出哔哔声以指示连接。
4.确认设备上的连接。

App下载

*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 。

深圳艾斯特创新科技有限公司拥有对本说明书内容的最终解释权和修改权。

BattGO

E405

Smart Charger

User Manual

Thank you for purchasing the ISDT E405 Smart Charger.

The ISDT E405 is our latest innovative Charger equipped with GaN (Gallium Nitride) power supply for versatile and high-power density charging solution designed for various battery types.
Its fully programmable with a simple connection from your mobile phone via our ISD Link APP which allows users to customize various parameters to ensuring optimal performance tailored to your specific preferences.
Functions of products will be kept on upgrading; the manual currently may be different as time passes. Please refer to our social media for the latest updates.

Warnings and Safety Tips

To ensure your safety and a good user experience, please read these instructions and warnings before using this product.

• Read the instruction manual carefully to be familiar with the features of the charger and set proper charging parameters before operating. Setting the parameters incorrectly will result in damage to the product, personal property and cause serious injury as well.
• Never use the charger unattended, if the charger has any abnormal function, please stop using it immediately and check the reason according to the manual.
• Make sure the charger is keep away from dust, moisture, rain and high temperatures, and avoid direct sunlight and strong vibrations; Place the charger on a heat-resistant, non-flammable and insulated surface. Do not place it on car seats, carpets, or other similar places.
• Please ensure that flammable and explosive materials are kept away from the operating area of the charger; Make sure you have a full understanding of the charging and discharging characteristics and specifications of the battery you are using and set the appropriate charging

parameters in the charger. If the parameters are set incorrectly, it may cause damage to the charger and battery, and even catastrophic consequences such as fire and explosion.

• Before connecting the battery, please ensure that the battery voltage is consistent with the working voltage range of this product; During the working process, please ensure that the
number of strings selected is consistent with the number of connected battery strings. During use, ensure that the product is kept away from heat sources and humid environments, and pay attention to ventilation and heat dissipation; This product will generate a lot of heat during the working process, do not let children operate it, so as not to burn; Disconnect and remove the battery as soon as possible after use.

NEVER USE CHARGER UNSUPERVISED

- Before connecting the battery, verify that the battery voltage matches the operating voltage range of this product.
- During operation, ensure the selected cell count matches the series count of the connected battery.
- Keep the product away from heat sources and humid environments during use, and maintain proper ventilation and heat dissipation.
- This product generates heat during operation and the casing may become hot. Do not allow children to operate it to prevent burns.
- After use, disconnect and remove the battery promptly.


WARNING!


FIRE HAZARD!

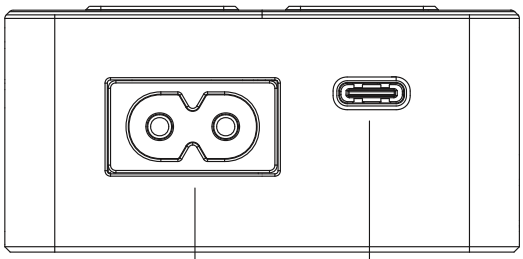
Preset Battery Type of Charger and Task Parameters

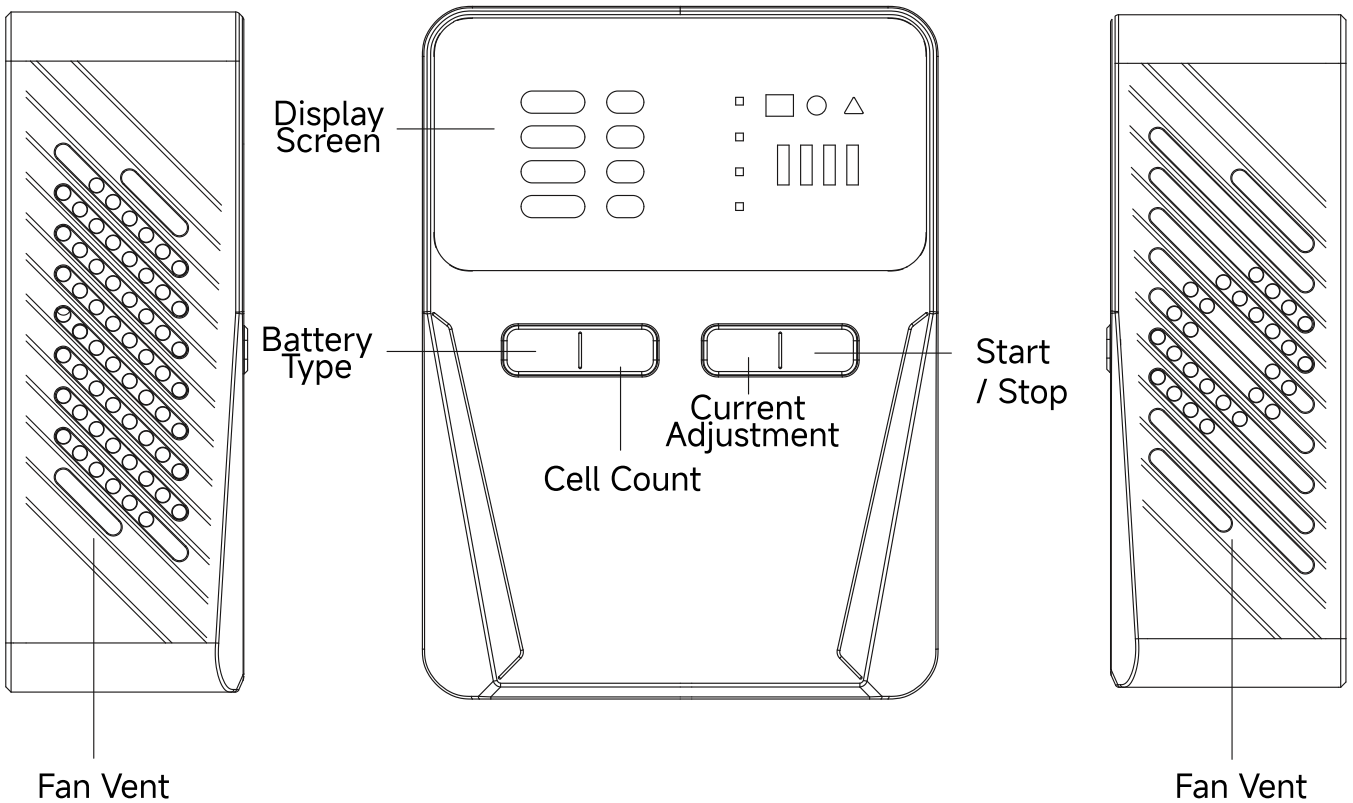
	Rated Voltage	Full Charge Voltage	Balance Charge	Unbalanced Charge	Supported Cell Count	Max. Charging Current
NiMH	1.20V	1.50V	✗	✓	3–12S	5A
LiFe	3.20V	3.65V	✓	✓	1–4S	5A
LiHv	3.80V	4.35V	✓	✓	1–4S	5A
LiPo	3.70V	4.20V	✓	✓	1–4S	5A

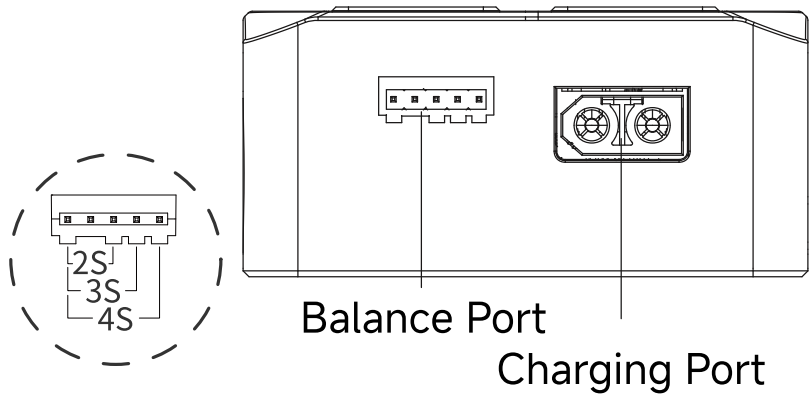
Specifications

Input Voltage: 100V-240V~ 2.5A 50/60Hz
Output Voltage: 4-18V⎓
Charging Current: 1A.2A.3A.5A
Max. Charge Powerv: 40W
Balance Current: 0.5A/Cell Max
Supported battery types and cell count: LiFe,LiPo,LiHv 1~4S; NiMH 3~12S
User Temperature: 0~40℃
Dimension: 90×67×32mm
Weight: Approx. 131g

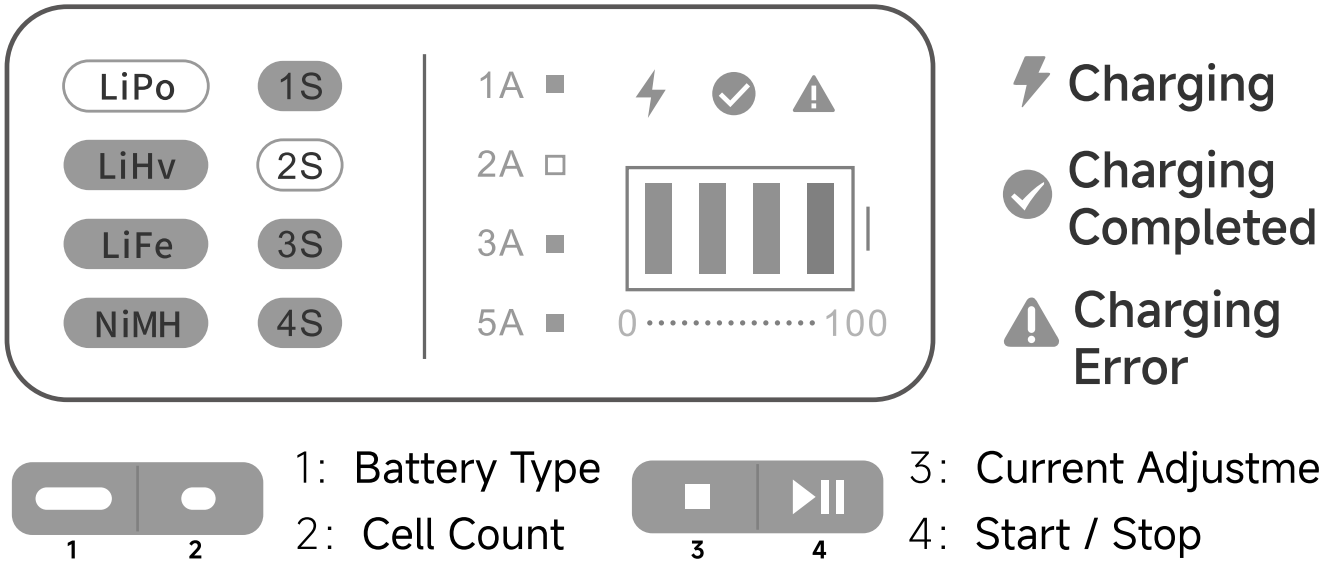
Port / Bottons







Key Operation



1: Battery Type
2: Cell Count

3: Current Adjustment
4: Start / Stop

The buttons at the bottom correspond to the display indicators on the top. Adjust the charging current according to your battery type and cell count. Once settings are completed, press the Start button to commence operation.

Operating the Charger

Before operating the charger, know your batteries specifications and any battery-specific safety warnings before operating.

1.Connect your included AC cord to the charger or appropriate power source to power your charger.
2.Connect the battery to the port on the front of your charger.

3.Connect the balance lead. Make sure the balance lead is connected direct into the balance port.
(Highly Recommended to not add additional balance board or there could be chances of misread the correct battery voltage.)
4.Press Select button once to display the setting menu.
5.Long press Select button to adjust your desire task and long press again to save.
6.Double check all connection from power sources to battery connections.
7.Press Select button again to begin charging.

Wireless connection

Scan the QR code at the bottom to download and install ISD Link APP
1.Please turn on wireless communication and Bluetooth before open the APP.
2.Open the APP and Click the top right "+" sign to begin searching for your running device. (Bring your phone close to the device for best connections)
3.Device will beep to indicate the connection.
4.Confirm the connection on your device.

ISD Link

App Download

*All product photos, statements and literature are for reference only. For up–to–date information, please visit our official web www.isdt.co

SHENZHEN ISD TECHNOLOGY CO. LTD

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