ULTRONER

SCIENCE & TECHNOLOGY

EOS II Manual

Parameters:

Chip: GX180_UTC;
Battery Model: No.18650 (2pcs No.18650 high rate flat batteries);
Output Power (Power Mode): 5.0Watt-180.0Watts;
Output Power (TCR): 5.0Watt-120.0Watts;
Resistance Range: 0.1ohm-3.0ohm;
Temperature Range: 212℉-572℉/100℃-300℃;
Available to HD Color Screen;
Available to TCR Mode, TFR Mode and tanks of multiple materials;
Available to CURVE Mode;
Available to clear/restrict puffs;
Available to system upgrades;
Charge: DC 5V/2A;
Maximum Output Voltage: 7.5 Volts;
Maximum Output Current: 35.0 Amps;
Input Voltage Range: 6.4 Volts-8.4 Volts;

Screen Operating Current: 25mA;
Standby Operating Current: <350uA;
Standby Time: 18S;
Smoke Time: 10S;
Working Efficiency: 94%;

Security Function Design:

Battery reverse protection;   Battery over-voltage protection;
Battery under-voltage protection;   Low-resistance protection;
High-resistance protection;   Short-circuit protection;
Overheating protection (protection against overheating chips);

Operating Instructions:

Ⅰ. Power On

Quickly press the "Fire" button 5 times to power on.

Ⅱ . Select Mode

Screen unlocked, slide "Mode" left and right to choose an operating mode (POWER, TEMP, CURVE, TCR, TFR).

Ⅲ . Operating Parameters Setting

1.POWER Mode:

(1) Power Setting: Screen unlocked, click "Power" to enter power settings. Click "∧" or "∨" to set the power. Press the "Fire" button to confirm and exit.

(2) Taste Setting: Screen unlocked, slide up and down to choose a taste ("S" for soft, "N" for normal, "H" for hard).

2. TEMP Mode:

(1) Coil Material Choosing: Screen unlocked, long press "TEMP" to enter the coil material choosing

interface. Click "∧" or "∨" to select a coil material. Press the "Fire" button to confirm and exit.

(2) **Switch to TCR Power/Temperature:** Click "Power" to switch to display the temperature; click "Temperature" to switch to display the power.

①**TCR Power Setting:** Screen unlocked, long press "Power" to enter power settings. Click "∧" or "∨" to set the power. Press the "Fire" button to confirm and exit.

②**Temperature Setting:** Screen unlocked, long press "Temperature" to enter temperature settings. Click "∧" or "∨" to set the temperature. Press the "Fire" button to confirm and exit.

3. CURVE Mode:

(1) View Power Point: Screen unlocked, slide up and down to view the power value or the time value of P1-P5.
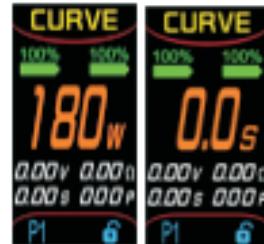
(2) Switch to Power Value/Time: Click "Power" to switch to display the time; click "Time" to switch to display the power.

①**Power Value Setting:** Screen unlocked, long press "Power/Time" to enter parameter settings. Click the parameter that you want to set on the left. After entering the editing interface, Click "∧" or "∨" to set the power value. Press the "Fire" button to confirm and exit.

②Time Value Setting: Screen unlocked, long press "Power/Time" to enter parameter settings. Click the parameter that you want to set on the right. After entering the editing interface, Click "∧" or "∨" to set the time value. Press the "Fire" button to confirm and exit.

4. TCR Mode:

(1) TCR Choosing: Screen unlocked, slide up and down to choose M1~M5.

(2) For the setting of TCR power and temperature, please refer to the "TEMP" Mode.

(3) TCR Value Setting: Screen unlocked, long press "TCR" to enter TCR value settings. Slide left and right to choose the digit to be edited. Click "∧" or "∨" to set the value. Press the "Fire" button to confirm and exit.

5. TFR Mode:

(1) TFR Choosing: Screen unlocked, slide up and down to choose M1~M5.
(2) For the setting of TCR power and temperature, please refer to the "TEMP" Mode.
(3) TFR Value Setting: Screen unlocked, long press "TFR" to enter TFR value settings. Slide up and down to choose the temperature to be edited. Slide left and right to choose the digit to be edited. Click "∧" or "∨" to set the value. Press the "Fire" button to confirm and exit.

IV. System Setting

In the state of operation, quickly press the "Fire" button 5 times to enter system settings. Slide left and right to choose a setting (power off, puffs setting, puffs clearing, ECO setting, upgrading, version viewing, unlock setting, auto-lock setting, resistance checking).

1. Power Off: Click "Power Off", long press it to switch off the system.

2. Puffs Restrict Setting: Click "Puffs Setting" to enter the setting interface. Click "∧" or "∨" to set the restrict value of puffs. Press the "Fire" button to confirm and back to the previous interface.

3. Puffs Clearing: Click "Puffs Clearing" to enter the setting interface. Click the icon to clear the puffs. Press the "Fire" button to confirm and back to the previous interface.

4. Upgrading: Click "Upgrading" to enter the confirmation interface. Click "Yes" and following the instructions, press the "Fire" button until you see "Download Mode" on the screen.

5. ECO Setting: Click "ECO" to enter ECO settings. Click "∧" or "∨" to "Turn On" or "Turn Off" ECO. Press the "Fire" button to confirm and back to the previous interface.

6. Version Viewing: Click "Version" to view the version of the system. Press the "Fire" button to go back to the previous interface.

7. Unlock Setting: Click the "Lock" icon to enter unlock settings. Click "∧" or "∨" to choose "Slide" or "Click". Press the "Fire" button to confirm and back to the previous interface.

8. Resistance Checking: In the state of power on, quickly press the "Fire" button 5 times to enter the setting interface. Slide left and right to choose the resistance checking interface. Click the icon and the resistance checking will begin (Caution: in the state of TCR Mode, please confirm that the resistance to be tested is the cold-state resistance, which is the premise for the device to function!). Click "ADJ" to change the resistance value. Press the "Fire" button to confirm the resistance value and exit.

Ⅴ Lock and Unlock

1. Unlock the Screen: In the state of the screen locking, according to the arrow on the screen, slide to unlock the screen.
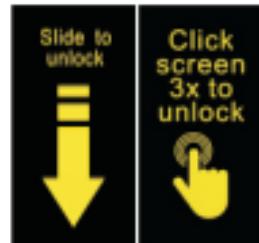
2. Lock the Screen: In the state of operation, Press the "Fire" button to lock the screen.

3. Lock the System: In the state of operation, quickly press the "Fire" button 3

times to lock the system.
4. Unlock the System: In the state of the system locking, quickly press the "Fire" button 3 times to unlock the system.
5. ECO Mode Screen On: When using ECO, the screen will switch off after igniting. Quickly press the "Fire" button 3 times to compulsorily keep the screen on.

Ⅵ. **System Upgrading**

1. Switch to the "Download Mode".
2. Connect the device to a computer via USB.
3. Open the upgrade software in the computer and click "Connect". When the left part of the button changes from GREY to GREEN, it shows that the device is successfully connected to the upgrade software.
4. Click "File" to choose the firmware to be upgraded (e.g. xxx.firmware).
5. Click "Upgrade" to start.
6. When the upgrade is finished successfully, the device will show "Upgrade OK".
7. Cut off the electricity and reboot.

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The "Fire" Button

Mode

Battery Percentage

Output Voltage

time

taste

USB Charge

Output Power

Atomizer Resistance

Puffs

State of Locked/Unlocked

Battery Entrance

**If permitting, please use an external charger.*

参数特点：

- 芯片采用GX180_UTC
- 支持电池型号：18650型（2节18650高倍率平头电池）
- 输出功率范围(功率模式)：5.0 Watt-180.0 Watts
- 输出功率范围（温控模式）：5.0 Watt-120.0 Watts
- 发热丝阻值范围：0.1 Ω-3.0 Ω；
- 温度限制范围：212℉-572℉/100℃-300℃；
- 支持高清晰度彩色显示屏幕；
- 支持TCR、TFR模式以及多种材质发热丝
- 支持CURVE(曲线)模式；
- 支持口数清零/限制功能；
- 支持系统升级功能；
- 充电参数：DC 5V/2A;
- 最高输出电压：7.5 Volts；
- 最高输出电流：35.0 Amps；
- 输入电压范围：6.4 Volts-8.4 Volts;

- 显示屏工作电流：25mA；
- 待机工作电流：<350uA；
- 待机时间：18S；
- 吸烟时间：10S；
- 工作效率94%；

安全功能设计：

- 电池反向保护；
- 电池欠压保护；
- 高阻保护；
- 过热保护（芯片过温保护）；

- 电池过压保护；
- 低阻保护；
- 短路保护；

操作说明：

一，开机

快速连按5下"Fire"按键开机。

二，选择模式

在触屏解锁状态下，左右滑动模式显示位置可循环选择工作模式（POWER、TEMP、CURVE、TCR、TFR）。

三，工作参数设置

1.POWER模式：

（1）**功率设置：**在触屏解锁状态下，点击功率显示位置，进入功率设置界面，在功率设置界面下直接按"^"、"v"图标设置功率值，按"Fire"键确认并退出。

（2）**口感设置：**在触屏解锁状态下，上下滑动触屏可循环选择口感(柔和(S)、标准(N)、暴力(H))。

2.TEMP模式：

（1）**线圈材料选择：**在触屏解锁状态下，长按"TEMP"

模式显示位置，进入线圈材料选择界面，按"^"、"v"图标选择线圈材料，按"Fire"键确认并退出。

（2）**温控功率、温度显示切换：**单击功率显示位置，可切换到温度显示，单击温度显示位置，可切换到功率显示。

①**温控功率设置：**在触屏解锁状态下，长按功率显示位置，进入功率设置界面，在功率设置界面下直接按"^"、"v"图标设置功率值，按"Fire"键确认并退出。

②**温度设置：**在触屏解锁状态下，长按温度显示位置，进入温度设置界面，在温度设置界面下直接按"^"、"v"图标设置温度值，按"Fire"键确认并退出。

3.CURVE模式

（1）**查看功率点：**在触屏解锁状态下，上下滑屏可循环查看P1~P5点功率值或时间值。
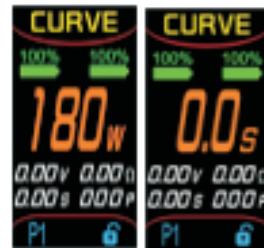
（2）**功率值、时间显示切换：**单击功率显示位置，可切换到时间显示，单击时间显示位置，可切换到功率显示。

①**功率值设置：**在触屏解锁状态下，长按功率/时间显示位置，进入参数设置界面，在参数设置界面下直接点击左边要修改的参数，进入编辑界面按"^"、"v"图标设置功率值，按"Fire"键确认并退出。

②**时间值设置：**在触屏解锁状态下，长按功率显示位置，进入参数设置界面，在参数设置界面下直接点击右边要修改的参数，进入编辑界面按"^"、"v"图标设置功率值，按"Fire"键确认并退出。

4.TCR模式：

（1）**TCR选择：**在触屏解锁状态下，上下滑屏可循环选择M1~M5。

（2）**温控功率设置、温度设置参考"TEMP"模式。**

（3）**TCR值设置**：在触屏解锁状态下，长按"TCR"模式显示位置，进入TCR值设置界面，左右滑屏选择待编辑数字位，按"^"、"v"图标设置值，按"Fire"键确认并退出。

5. TFR模式：

（1）**TFR选择**：在触屏解锁状态下，上下滑屏可循环选择M1~M5。

（2）**温控功率设置**、**温度设置参考**"**TEMP**"**模式**。

（3）**TFR值设置**：在触屏解锁状态下，长按"TFR"模式显示位置，进入TFR值设置界面，上下滑屏选择待编辑温度点，左右滑屏选择待编辑数字位，按"^"、"v"图标设置值，按"Fire"键确认并退出。

四、系统设置

在工作模式下快速连按5下"Fire"按键进入系统设置界面。在系统设置界面左右滑屏可循环选择设置项（关机、口数设置、口数清零、ECO设置，升级，查看版本，触屏开锁方式设置、息屏时间设置、电阻检测）。

1.关机：选中"关机"项，长按图标位置系统关机。

2.口数限制设置：选中"口数设置"项，点击图标位置进入口数设置界面，点击"^"、"v"图标可设置口数限制值；按"Fire"键确认并返回上级界面。

3.口数清零：选中"口数清零"项，点击图标位置进入口数清零界面，点击清除图标清除口数。按"Fire"键退出并返回上级界面。

4.升级：选中"升级"项，点击图标位置进入升级确认界面，在升级确认界面点击"YES"图标，根据提示按住"Fire"键直到屏幕显示"Download Mode"。

5.ECO设置：选中"ECO"项，点击图标位置进入ECO设置界面，点击"^"、"v"图标可"开"、"关"ECO；按"Fire"键确认并返回上级界面。

6. 查看版本：选中"版本"项，点击图标位置可查看系统版本；再次按"Fire"键返回上级界面。

7. 触屏开锁方式设置：选中"锁图标"项，点击图标位置进入触屏开锁方式设置界面，点击"∧"、"∨"图标可选择"Slide"、"Click"方式；按"Fire"键确认并返回上级界面。

8.电阻检测：在开机状态下，快速连按5下"Fire"按键进入设置界面，左右滑屏选择电阻测试界面，点击图标即测试电阻值（注意：在温控模式下，请确认所检测的电阻值为冷态阻值，这是设备正常工作的前提！），点击"ADJ"可对电阻值进行修改。按"FIRE"键确认阻值并退出。

五、锁定与解锁

1. 触屏解锁： 在触屏锁定状态下，在触屏上按箭头方向滑动解锁。

2. 触屏锁定： 在工作状态下，按"Fire"键锁定。

3. 系统锁定： 在工作模式下快速连按3下"Fire"按键锁定。

**4. 系统解锁：** 在系统锁定状态下，快速连按3下"Fire"按键解锁。

5. ECO亮屏：在启用ECO后，点火时会熄屏，快速连按3下"Fire"按键可强制亮屏。

六、系统升级

1、设备进入升级模式"Download Mode"。

2、将设备通过USB线缆连接到电脑。

3、打开电脑端的升级软件，点击"Connect"按钮，按钮左边灰色方块变绿色，表示设备与升级软件连接成功。

4、点击"File"按钮，选择待升级的固件（如：xxx.firmware）。

5、点击"Upgrade"按钮进行升级。

6、升级成功后，设备提示"Upgrade Ok"。

7、断电重启。

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点火键

模式显示
电量显示
输出电压
秒数
口感设计
USB 充电

输出功率
雾化器阻值
吸烟口数
开锁/解锁状态

电池门
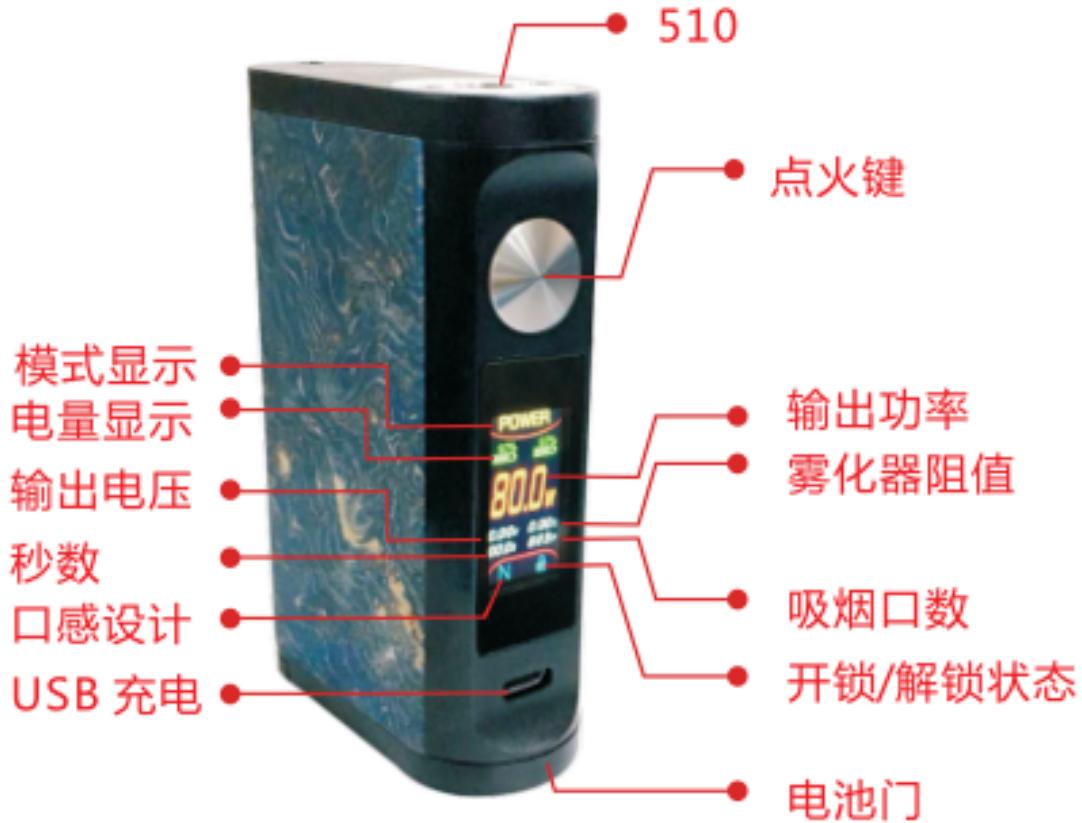
*始终建议使用外部充电器（条件允许的情况下）

The Ultroner EOS Ⅱ chipset GX180_UTC
is powered by "ASMODUS", Enjoy all after
sales service term and condition is same
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