

ULTRONER

SCIENCE & TECHNOLOGY

EOS Manual



Technical Parameters:

- Chipset: ASMODUS 180GX
- Battery: 2x18650 high rate flat battery
- Balance charging available
- Wattage Range(VW MODE): 5 Watts to 180 Watts
- Wattage Range(TC MODE): 5 Watts to 120 Watts
- Atomizer Resistance Range: 0.1 Ohm-2.5 Ohm
- Temperature Control Range: 212°F-572°F/100°C-300°C
- Max Output Voltage: 7.5 Volts
- Output Peak Current: 45.0 Amps
- Input Voltage Range: 6.4 Volts-9.0 Volts
- Input Peak Current: 40.0 Amps
- Display Operating Current: 25mA
- Standby Current: <350uA

- Standby Time: 18S
- Vaping Time: 10S
- Work Efficiency: 95%
- Charging parameters: DC 5V/1A
- System Upgrade

Safety Protections:

- Reverse Polarity Protection
- Input High Voltage Warning
- Input Low Voltage Warning
- Low Resistance Protection
- High Resistance Protection
- Chip Temp Protection

Using Your Device:

1. Turn on

Place batteries in the device, and quickly press the “FIRE” button 5 times to turn on the device. The screen will display “ASMODUS”, and enter



into working mode.

2. Turn off

When the device is on, quickly press the “FIRE” button 5 times to turn off the device. The screen will display “SYSTEM OFF” and turn off.

3. Vape

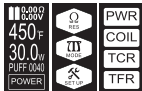
Hold down the “FIRE” button to vape. The maximum fire duration is 10 seconds.

4. Screen lock and unlock

When the “FIRE” button is held down or the device is in standby mode, the screen will be automatically locked. If you tap the screen, it will show screen as locked. Please slide down to unlock the screen.

5. Work mode selection

When the screen is unlocked, tap bottom part (POWER/COIL/TCR/TFR) on screen to enter into main menu, and tap “MODE” to select work mode



among POWER, COIL, TCR, and TFR.

6. CURVE mode setting

When the screen is unlocked, tap the bottom of screen (POWER/COIL/TCR/TFR) to enter the main menu.

Tap "MODE" and select "PWR" to enter Power mode, tap "CURVE" to enter curve setting menu. Tap numbers on screen and then press "+" or "-" to adjust the power and time settings of each point (5 points all together). Press the "FIRE" button to confirm settings and exit.



7. Wire selection under Temperature Control mode

After COIL mode selected, tap "↑" or "↓" to select the type of wire and press "FIRE" button to confirm and exit.

8. TCR mode setting

After TCR mode selected, tap "+" to increase and "-" to



decrease its data. Hold down to change the data quickly. Press “FIRE” button to confirm and exit.

9. TFR mode setting

After TFR mode selected, tap “↑” or “↓” to select between F1-F5. Press “FIRE” button to enter into data setting menu. Tap “+” to increase and “-” to decrease data and hold down to change it quickly. Press “FIRE” button to confirm and return back. Select “EXIT” and press “FIRE” to exit.

10. Atomizer resistance detection

When the screen is unlocked, tap bottom part(POWER/COIL/TCR/TFR) on screen to enter the main menu. Tap “RES” to set resistance of atomizer. Tap “check” to check the current resistance of atomizer, if it is correct, tap “YES” to confirm it and exit; if it is wrong, tap “NO”to set resistance and press “ FIRE” button to confirm and exit.(Notes: Please make sure the atomizer has not been heated by device before, otherwise it may not work accurately)



11. Wattage adjustments

When the screen is unlocked, tap the current wattage displayed on screen to set wattage. Tap “+” to Increase and “-” to decrease wattage, and hold down to change it quickly. Press “FIRE” button to confirm and exit.



12. Temperature adjustments

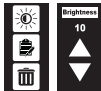
When the screen is unlocked, tap the current temperature displayed on screen to set temperature. Tap “+” to Increase and “-” to decrease temperature, and hold to change it quickly. When the temperature was set at minimum(212°F/100°C)or at maximum(572°F/300°C),tap one more “-”or “+” to switch between Celsius and Fahrenheit. Press “FIRE” button to confirm and exit.



13. Brightness adjustment

When the screen is unlocked, tap bottom part (POWER/COIL/TCR/TFR) on screen to enter the main menu.

Tap “set up” and then tap “☀” to set level of brightness from 01-10. Tap “↑” to increase and “↓” to decrease numbers, and hold down to change it quickly. Press “FIRE” button to confirm and exit.



14. Puff limit adjustments

When the screen is unlocked, tap bottom part (POWER/COIL/TCR/TFR) on screen to enter the main menu. Tap “SET UP” and tap the second icon “△▽” to set limit of puff. Tap “↑” to increase and “↓” to decrease numbers, and hold down to change it quickly. Press “FIRE” button to confirm and exit.



15. Puff clean adjustment

When the screen is unlocked, tap bottom part (POWER/COIL/TCR/TFR) on screen to enter the main menu. Tap “SET UP” and tap the third icon “△▽” to clean puff record. Tap “CLEAN”. Press “FIRE” button to confirm and exit.



16. System Upgrade

① Remove the battery. ② Hold down "FIRE" button, then insert the USB. When the screen displays "Download Mode", release the fire button. ③ Open Asmodus software upgrade program to upgrade it. (Please download the software package from official website of ASMODUS)



Tips:

1. Warning when atomizer resistance is too high: "HIGH ATOMIZER"
2. Warning when atomizer resistance is too low: "LOW ATOMIZER"
3. Warning when atomizer resistance is removed: "ATOMIZER REMOVE"
4. Warning when no atomizer is connected: "CHECK ATOMIZER"
5. Warning when atomizer gets short circuit: "ATOMIZER SHORT"
6. Warning when battery voltage is too high: "HIGH BATTERY"
7. Warning when battery voltage is too low: "LOW BATTERY"
8. Warning when fire working time exceeds 10S: "WORK OVERTIME"
9. Display when device turns on: "ASMODUS"
10. Display when device turns off: "SYSTEM OFF"



* Always recommended to use external charger if available.

参数特点

- 芯片采用ASM0DUS 180GX
- 支持电池型号：2 x 18650 高倍率平头电池
- 支持充电使用
- 输出功率范围（功率模式）：5.0Watts-180 Watts
- 输出功率范围（温控模式）：5.0Watts-120 Watts
- 发热丝阻值范围：0.1 Ohm-2.5 Ohm
- 温度限制范围：212°F-572°F/100°C-300°C
- 最高输出电压：7.5Volts
- 输出峰值电流：35.0Amps
- 输入电压范围：6.4Volts-9.0Volts
- 最大输入电流：35.0Amps
- 显示屏工作电流：25mA
- 待机工作电流：<350uA

- 待机时间：18s
- 发烟时间：10s
- 工作效率：95%
- 充电参数：DC 5V / 1A
- 系统升级

安全保护

- 电极反接保护
- 输入高电压警告
- 输入低电压警告
- 高电阻保护
- 低电阻保护
- 芯片温度保护

设备使用方法

1. 打开

放入电池后快速按“FIRE”按钮5次打开设备。
屏幕将显示“ASMODUS”，进入工作模式。



2. 关闭

设备打开时，快速按“FIRE”按钮5次关闭设备。屏幕将显示“SYSTEM OFF”并关闭。

3. 吸烟

按住“FIRE”按钮以吸烟。最长吸烟时间为10秒。

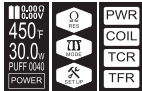
4. 屏幕锁定和解锁

按住“FIRE”按钮或设备处于待机模式时，屏幕将自动锁定。此时如果您点击屏幕，它将显示屏幕锁定。请向下滑动以解锁屏幕。



5. 工作模式选择

当屏幕处于非锁定状态时，点击屏幕底部（POWER / COIL / TCR / TFR）进入主菜单，然后点击“MODE”选择POWER、COIL、TCR和TFR之一的工作模式。



9. TFR模式设置

选择TFR模式后，点击“↑”或“↓”在F1-F5之间进行选择。按“FIRE”按钮进入数据设置菜单。点击“+”增加，“-”减少数值，按住可快速更改。按“FIRE”按钮确认并返回。选择“EXIT”，然后按“FIRE”退出。

10. 雾化器电阻检测

当屏幕处于非锁定状态时，点击屏幕上的底部（POWER / COIL / TCR / TFR）进入主菜单。点击“RES”设置雾化器的电阻。点击“check”检查雾化器的当前电阻，如果正确，点击“YES”确认并退出；如果错误，点击“NO”设置电阻，然后按“FIRE”按钮确认并退出。（注意：请确保雾化器未被加热，否则此功能可能无法正常工作）



11. 功率调节

当屏幕处于非锁定状态时，点击屏幕上显示的当前功率设置功率。点击“+”增加，“-”降低功率，按住可快速更改。按“FIRE”按钮确认并退出。



12. 温度调节

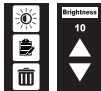
当屏幕处于非锁定状态时，点击屏幕上显示的当前温度来设置温度。点击“+”增加，“-”降低温度，按住可快速更改。当温度设定在最低（212°F / 100°C）或最高（572°F / 300°C）时，再点一下“-”或“+”可以在摄氏和华氏温度之间切换。按“FIRE”按钮确认并退出。



13. 亮度调整

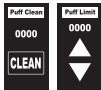
当屏幕处于非锁定状态时，点击屏幕上的底部（POWER / COIL /

TCR / TFR) 进入主菜单。点击 “set up” , 然后点击 “☀” 在01-10间调节亮度。点击 “↑” 增加, “↓” 减少数值, 按住可快速更改。按 “FIRE” 按钮确认并退出。



15. 发烟次数清零设置

当屏幕处于非锁定状态时, 点击屏幕上的底部 (POWER / COIL / TCR / TFR) 进入主菜单。点击 “SET UP” , 然后点击第三个图标 “△▽” 来清除发烟记录。点击 “CLEAN” 。按 “FIRE” 按钮确认并退出。



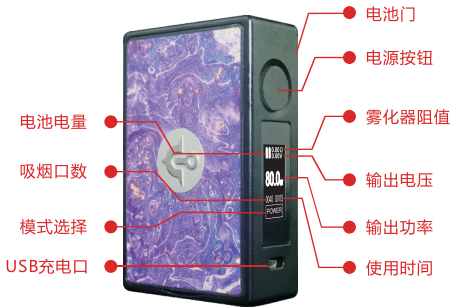
16. 系统升级

- (1)取出电池。(2)按住 “FIRE” 按钮, 然后插入USB。当屏幕显示 “Download Mode” 时, 释放消防按钮。
- (3)打开Asmodus软件升级程序进行升级。
(请从ASMODOUS的官方网站下载软件包)



提示：

1. 雾化电阻太高时的警示信息：“HIGH ATOMIZER”
2. 雾化电阻太低时的警示信息：“LOW ATOMIZER”
3. 雾化器电阻被移除时的警示信息：“ATOMIZER REMOVE”
4. 未连接雾化器时的警示信息：“CHECK ATOMIZER”
5. 雾化器短路时的警示信息：“ATOMIZER SHORT”
6. 电池电压过高时的警示信息：“HIGH BATTERY”
7. 电池电压过低时的警示信息：“LOW BATTERY”
8. 工作时间超过10秒时的警示信息：“WORK OVERTIME”
9. 开机时显示：“ASMODUS”
10. 关机时显示：“SYSTEM OFF”



* 始终建议使用外部充电器（条件允许的情况下）

The Ultroner EOS hybrid chipset GX-180-HT is powered by "ASMODUS". Enjoy all after sales service term and condition is same as "ASMODUS".

www.asmodus.com

www.ultroner.com

