

Specification

1. Input voltage: 3.2-4.2V
2. Input current: 1-40A
3. Maximum output voltage: 8.0V
4. Maximum output current: 25A
5. Over output current protection: 25A
6. Support atomizer's resistance: 0.1-3.0Ω under Un-temperature control mode
7. Support atomizer's resistance: 0.05-1.2Ω under temperature control mode
8. Output power: 5-80W
9. Over temperature protection: 75°C
10. Charging voltage: 5V
11. Maximum charging current: 1000mA
12. Standby current: <30.0mA
13. Quiescent current: <10uA
14. Temperature regulation range: 200°F~600°F, 95°C~315°C
15. Temperature regulation step value: 1°F, 1°C
16. Power conversion efficiency: 95%
17. Reverse protection: yes.

Operation:

Power on/off

Power on: Under power off status, press "smoking" button 5 times continuously, show LOGO for 2 seconds, then enter main interface.

Power off: Under power on status, press

"smoking" button 5 times continuously, show "OFF" symbol for 2 seconds, then screen closes.

Lock/Unlock "+", "-" buttons

Lock "+", "-" buttons: press "smoke" button and "-" simultaneously for 2 seconds to lock, when "+" and "-" is locked, only "smoke" button and combination button can work, other buttons prompt "LOCK".
Unlock "+", "-" buttons: when "+", "-" buttons locked, press "smoke" and "-" buttons simultaneously for 2 seconds to unlock, then prompt UNLOCK.

Mode switch

There are five kinds of working interface for atomizer wire with different material: Constant power, temperature control Ni, temperature control Ti, temperature control SS, temperature control TC.
Under normal startup condition, press "smoking button" three times quickly, the five interfaces can be switched orderly.
Switch for the left and right of screen
Under status of UNLOCK and LOCK: press "smoke" and "-" buttons simultaneously for 2 seconds to switch the left and right of screen.

"+", "-" buttons

Under LOCKED status:

Neither power mode nor temperature mode, to press "+", "-" buttons, will all prompt LOCK symbol, only "smoking" button is effective.

Under UNLOCKED status:

Power mode: click "+", "-" buttons to increase or decrease 0.1W at each step, long press 1 second will speed increasing and decreasing. When the power reaches the maximum or minimum value, increasing and decreasing stopped.
Temperature mode: click "+", "-" buttons to increase or decrease 1°F/1°C at each step, long press 1 second will speed increasing and decreasing. When the temperature reaches 100°C, click "-", will switch to be 600°F, when temperature is 200°F, it will change to be 315°C.

Function description

Sleeping mode: If there is no operation for 20 seconds, screen will close, if there is no operation for 3 minutes after screen close, product will enter sleeping mode (shutdown automatically). If resistance changing happens before sleeping mode, screen will prompt YES/NO interface; If resistance changing happens after

sleeping mode, screen will not prompt YES/NO interface. Press any key can recover display from sleeping mode.

Charging

Charging under power on status: screen will show big charging symbol status after 10 seconds under normal mode, if click "smoking" button 5 times quickly, screen will show "OFF", after 2 seconds, will enter big charging symbol status, if unplug USB, screen will show "OFF" and product shutdown after 2 seconds.

Charging under power off status: enter charging big symbol status directly, if unplug USB, screen will show "OFF" and product shutdown after 2 seconds.

Computer custom setting

Users can make custom settings through computer software which developed by our company, such as making adjustment of picture, temperature data, temperature curve, power curve etc. to set user defined UI to reach best taste.

Warning display

1. Battery level display:
1). Below 3.5V, battery capacity shows

blank: 

2). 3.50V-3.69V, battery capacity shows 1

bar: 

3). 3.7V-3.79V, battery capacity shows 2

bars: 

4). 3.8V-3.89V, battery capacity shows 3

bars: 

5). 3.90V-3.99V, battery capacity shows 4

bars: 

6). 4.0V-4.20V, battery capacity shows 5

bars (full battery): 

7). No-load battery: when battery capacity is lower than 3.0V.

2. Low battery:

When voltage is lower than 3.2V, screen will prompt "Check battery".

3. Low output power:

Under load battery condition, if battery is lower than 2.8V and power can not reach 20W, screen will prompt "Low Power".

4. Atomizer short circuit:

When atomizer is short circuit, will prompt "Atomizer Short".

5. Atomizer burned-out:

When atomizer is burned-out, will prompt "Check Atomizer".

6. Over time protection:

When smoking time is over 10 seconds, output will close automatically and show "Time Out".

7. PCBA over temperature protection:

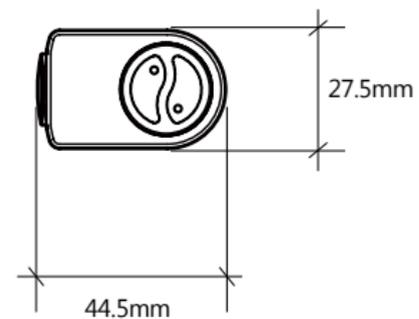
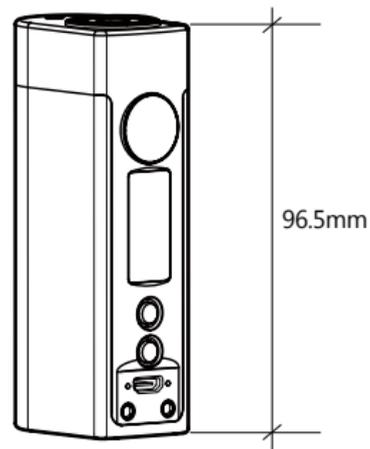
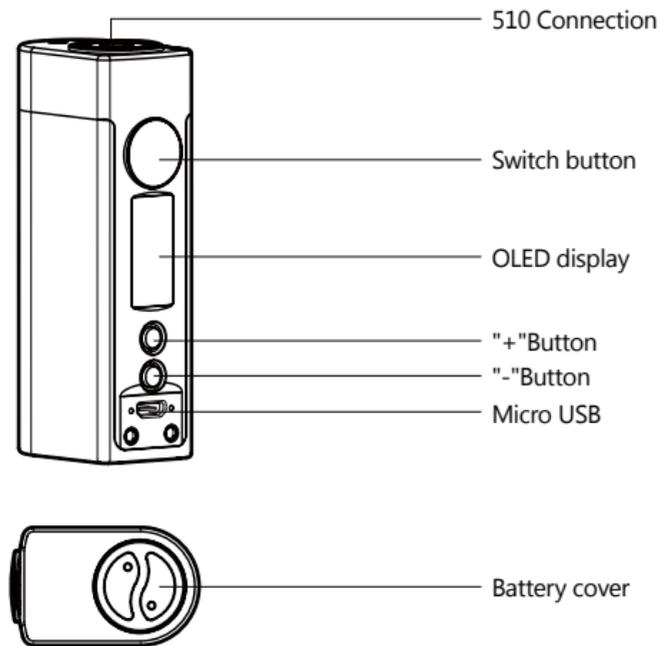
When the temperature of PCBA is over 70°C, output will close automatically and show "Temp High".

Age Verification

These products are only sold to adults 18 years or older, if you are under 18 years old, please don't buy them.

WOODY VAPES

GENE VAPE SOLUTIONS LIMITED
SUPPORT
THE PCBA CHIPS



WOODY VAPES

80W Temperature
Control Mod

