DOVPO

Punisher 80 User Manual

Temperature Control

Punisher 80

Temperature Control

Size: 91.0mm X 43.0mm X 25.0mm
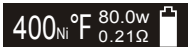Material: Zinc Alloy
Surface: Rubber Paint

Specification

1. Operating Voltage: 3.3V - 4.2V.
2. Maximum Output Current: 28.5A.
3. Operating Wattage: 5.0W - 80.0W.
4. Temperature control range: 212°F - 572°F/100℃ - 300℃.
5. Temperature control coils working resistance range: 0.1Ω - 1.0Ω.
6. Standard atomizer working resistance range: 0.1Ω - 3.0Ω.
7. Operating Mode: Power Mode, Direct Mode, Ni 200 Temperature Control Mode, Ti coil Temperature Control Mode, Ss316L Temperature Control Mode.
8. Short Circuit Protection
9. Low Voltage Protection
10. Overheat Protection
11. Battery-reversal Protection
12. Overtime Vaping Warning
13. Power-off memory function
14. Using single 18650 external battery
15. Charger Required: DC5V / 1A
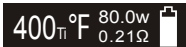16. Charging time: 3 - 5 hours
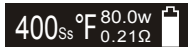
1. ON/OFF Battery Switch

By press the fire button 5 times quickly after install the battery, the screen will display "DOVPO" and it leads you to the main interface. See picture 1.1 (In Ni 200 coil temperature control mode), see picture 1.2 (In Titanium coil temperature control mode), see picture 1.3 (In Ss316L mode), see picture 1.4 (In Power mode) and see picture 1.5 (In Direct Mode).
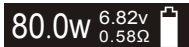
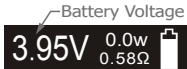400_{Ni} °F $^{80.0w}_{0.21Ω}$
Picture 1.1

400_{Ti} °F $^{80.0w}_{0.21Ω}$
Picture 1.2

400_{Ss} °F $^{80.0w}_{0.21Ω}$
Picture 1.3

$80.0w$ $^{6.82v}_{0.58Ω}$
Picture 1.4

Battery Voltage
$3.95V$ $^{0.0w}_{0.58Ω}$
Picture 1.5

2. Auto Power-off / Manual Shutdown

2.1 The device will power-off automatically after 30 minutes no use, you need restart the device by pressing the fire button 5 times quickly to vaping again.

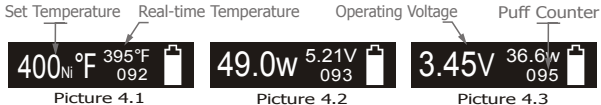2.2 When in standby mode, press the fire button 5 times quickly, the screen will go dim after display" SYSTEM OFF".

3. Sleep Mode On/Off

The screen will go dim after 30 seconds of no activity. Wake up this device by pressing any button when in Sleep Mode.

4. Start Vaping

4.1 See picture 4.1 below in Ni 200 Temperature control mode, Ni 200 coil available only in this mode.

4.2 Titanium coil available only in Titanium coil Temperature control mode.

4.3 Ss316L coil available only in Ss316L Temperature control mode.

4.4 See picture 4.2 below in Power mode, standard coil available in this mode.

4.5 See picture 4.3 below in Direct mode, standard coil available in this mode.

Set Temperature   Real-time Temperature   Operating Voltage   Puff Counter

400$_{Ni}$ °F 395°F 🔋	49.0w 5.21V 🔋	3.45V 36.6w 🔋
092	093	095
Picture 4.1	Picture 4.2	Picture 4.3

5. Wattage Adjustment
When in wattage mode, using the "+" or "-" button will allow you to increase or decrease desired wattage by 0.1W. Holding either button will cause the wattage to scroll more quickly.

6. Temperature Settings
When in either Temperature control mode, using the "+" or "-" button will allow you to increase or decrease desired temperature by 1°F/1°C. Holding either button will cause the temperature to scroll more quickly.

Operation Guide

7. Lock / Unlock
7.1 When in standby mode, press and hold both fire button and "-" button for 1.5s, the screen will display " KEY LOCK", All functions will be disabled in Lock Mode, and the screen will display " Please Unlock" by pressing any button.
7.2 When in Lock mode, press and hold both fire button and "-" button for 1.5s, the screen will display " KEY UNLOCK", the device switches to UNLOCK mode.

8. Work Mode Setting
When in standby mode, press and hold both "+" button and "-" button for 1.5s will allow you to choose the Power mode, Direct mode, Ni 200 temperature control mode, Ti coil temperature control mode, and Ss316L temperature control mode.

9. Celsius and Fahrenheit Setting
When in temperature control mode, using the "+" or "-" button will allow you to set Celsius and Fahrenheit. When the Celsius and Fahrenheit value is the maximum or the minimum one, by pressing the "+" or "-" button will lead you to the other (Fahrenheit / Celsius) mode.

10. Replace an Atomizer

When changing the atomizer the screen will ask " New Atomizer YES(+) NO(-) ", press the "+" button to confirm that it is a new atomizer and will show the new resistance. Press the "-" button will tell the device it is the same atomizer and the resistance will be the same as before.

11. Clear Puff Counter

When in standby mode, press the fire button 3 times quickly, the puff counter will become zero, the device will recount in next time vaping. 999 is the Maximum display puff counter.

12. Set Wattage in Temperature Control Mode

When in temperature control mode, press and hold both fire button and "+" button for 1.5s, the wattage display in the top right corner will flicker, using the "+" or "-" button will allow you to increase or decrease the wattage.

13.Temperature Control Mode

13.1 Temperature Control is available when using nickel 200 coil, Titanium Coil and Ss316L coil.

13.2 The device will display the correct temperature only when use the correct coils in the Temperature control mode accordingly.

13.3 Please ensure the nickel coil / Ti coil or Ss316L coil is under ambient temperature before activating the Punisher 80, or it may read a wrong resistance value.

13.4 The Punisher 80 temperature control mode is associated with the wattage mode. Wattage set in temperature control mode will limit the temperature increase and output wattage. If the device temperature is the set one, it will limit the maximum output wattage within the set wattage. If the set wattage can not meet the set temperature, to ensure the vaping quality, the device will auto adjust the wattage to a available temperature.

13.5 When in temperature control mode, the device will recognize the standard coil automatically and the device will turn to wattage mode automatically.

14. Overtime Vaping Warning

The device will force shut down by itself after 10 seconds of continuous firing.

15. Low Voltage Protection

15.1 If the battery voltage is lower than 3.3V, the device will stop working and the screen will display "Please Charge".

15.2 When power on and firing with a voltage lower than 2.5V the screen will display "WEAK BATTERY". If the battery capacity is full and display "WEAK BATTERY".
This can be adjusted by using a low-drain/overused battery or it could be caused by poor connection.

16. Short Circuit Protection

If the output end has a short circuit, the screen will show "SHORT".

17. Overheat Protection

When the mainboard's temperature is too high the device will stop working and the screen will display "TOO HOT".

18. The screen will display "CHECK ATOMIZER" if there's no atomizer attached to the device or an atomizer that has an open circuit.

19. The screen will display "CHECK ATOMIZER" if the resistance of the coil is too high while vaping.

20. The screen will display "RES TOO LOW" if the resistance of the coil is too low while vaping.

21. Charging

When charging the battery with micro USB cable, the battery icon will indicate it's getting filled up. The screen will go dim after battery being fully charged.

Operating Instructions

1. Please use all the accessories in right way to avoid any damage which may be caused by incorrect usage.
2. Please use the original charge cable or the 18650 battery charger when charging.
3. It is not recommended to use nickel coils during high wattage vaping in WATTAGE MODE. This is to avoid damaging the atomizer.
4. When not using your device for a long period of time, please turn off the system, remove the batteries and store it in a dry, safe place to avoid damage.
5. If something wrong happens to the products, please ask a professional to repair it instead of doing it by yourself.
6. Please keep this product and accessories away from children.
7. Please observe the rules strictly.
8. While cleaning, please unplug the power, and do not use wet towels.