



# ***Ember 80 Kit***

USER MANUAL

[www.dovpoecig.com](http://www.dovpoecig.com)

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DOVPO Ember 80 is the upgraded version of Ember 50. Building on the success of its predecessor, now the Ember 80 has 80W of maximum output, 2,000mAh built-in battery, yet still an ultra compact size.

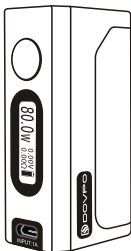
It's easy to navigate and use, Ember 80 supports Power Mode and Ni/Ti/Ss316 Temperature Control. With all the safety features built in to ensure the safety while using this product. Please read this manual carefully and follow its instructions closely.

## SPECIFICATIONS

- Size: 39.5mm x 25mm x 70mm
- Material: Aluminium Alloy
- Surface Treatment: Anodized

## FEATURES

1. Display: 0.91" OLED
2. Input Voltage: 3.00V – 4.25V
3. Output Voltage: 0.5V – 8.0V
4. Wattage Range: 5.0W – 80W
5. Temperature Range: 200°F - 600°F/100°C - 315°C
6. Resistance Range(Non-Temp Control): 0.08Ω - 3.00Ω
7. Resistance Range(Temp Control): 0.08Ω - 1.00 Ω
8. Battery Capacity: 2,000mAh
9. Charging Voltage: 5V
10. Charging Current: 1,000mA
11. Open-circuit Protection
12. Short-circuit Protection
13. 10s Over Time Warning
14. Overheat Protection
15. Overcurrent Protection
16. Low-voltage Protection activates when voltage is below 3.3V



17. Low-resistance Protection activates when resistance is below  $0.08\Omega$
18. High-resistance Protection activates when resistance is above  $3.00\Omega$
19. Overcharging Protection

## OPERATION GUIDE

1. Turn on the device by pressing the fire button 5 times in 1.5s



### 2. Wake/Sleep

The display will dim itself after 30s of no activity, press any button to wake up the device.

The device will turn off after 30 minutes of no activity, the display will show "BYE DOVPO".

3. Turn off the device by pressing the fire button 5 times in 1.5s

BYE DOVPO

### 4. Mode Switch

Hold both "+" and "-" buttons for 1.5s to switch between working modes from Wattage Mode to Temperature Control(Ni), Temperature Control(Ti) and Temperature Control(Ss).

For example, when in Wattage Mode, Hold both "+" and "-" buttons for 1.5s to switch to Temperature Control (Ni), release the buttons and hold again to switch to the next working mode.

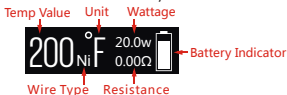
## 5. Wattage Adjustment

When in Wattage Mode, adjust wattage by pressing "+" or "-" button to increase or decrease wattage by 1.0 increments, hold either button to accelerate.



## 6. Temperature Adjustment

You can see the wire type at the bottom right corner of the temperature value. Press "+" or "-" button to adjust temperature in 5°C/10°F increment, when it reaches the highest point of temperature in Celcius, press "+" button again, it will go to the lowest point of temperature in Fahrenheit. It works the other way around.



## 7. Replace Atomizer

When replacing an atomizer, the display will show a New/Same interface. See following picture. Press "+" button to confirm that is a new atomizer, press "-" button to confirm it is the same atomizer and the resistance will stay the same.

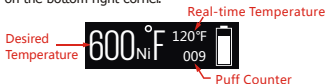


## 8. Vaping

8.1 When in Wattage Mode, it will display wattage value on the left and output voltage on the upper right corner and puff counter on the bottom right corner.



8.2 When in Temperature Control Mode, it will display desired temperature value on the left and real-time temperature on the upper right corner and puff counter on the bottom right corner



## 9. Reset Puff Counter

Reset the puff counter by pressing the fire button 3 times quickly. The maximum puff is 999, it will go back to 0 when max out.

## 10. Adjust Preheat Power

When in Temperature Control Mode, hold both fire button and "+" for 1.5s, the wattage value on the upper right corner will be flashing, press "+" or "-" button to adjust preheat power.

11. The device will change back to Wattage Mode when using non-temp controlled wire in Temperature Control Mode.

## 12. Automatic Mode

A recommended wattage value will be set every time a new atomizer is attached to the device. You can still adjust wattage after the device gives you a recommended wattage.

Automatic Mode works only with Wattage Mode.

Resistance	Recommended Wattage
0.3Ω	50W
0.5Ω	30W
1.0Ω	16W
1.5Ω	12W

### **13. Lock Mode**

Hold both fire button and “-” button to lock the device. Screen displays “KEY LOCKED”. “+” and “-” buttons will be disabled in Lock Mode. When you try to adjust wattage with “+” or “-” button, the screen will display “HOLD FIRE AND MINUS TO UNLOCK”.

Hold fire button and “-” button to unlock the device.

### **14. Screen Rotation**

Hold fire button, “+” and “-” buttons at the same time to rotate the screen by 180 degrees

### **15. Error Messages**

- No Atomizer: “CHECK ATOMIZER”
- Short Circuit: “SHORT”
- Overtime Vaping: “10S OVER”
- Resistance too High: “RES TOO HIGH”
- Resistance too Low: “RES TOO LOW”
- Board Overheat (Over 85°C): “TOO HOT”
- Input Voltage Over 4.3V: “HIGH VOLTAGE”
- Output Voltage Below 2.5V: “WEAK BATTERY”

### **16. Charging**

16.1 When charging the battery with micro USB cable, the battery icon will indicate it's getting filled up. The energy grid will display full after battery being fully charged.

Charging current is 1,000mA. The screen will go dim after the battery is fully charged.

16.2 You can vape while charging the device.

## WARNING

1. Please use all accessories as intended to avoid damage to your device.
2. Please use the original charging cable, or a quality replacement when charging this device.
3. When not using your device for a long period of time, please turn it off and store it in a cool dry place to prevent potential damage. Check the battery periodically for signs of discharge.
4. Should damage occur, please do not attempt to repair yourself. Use any available warranty, or contact a professional for repairs.
5. Please keep this product and accessories away from children.
6. Please read this manual, and follow its instructions closely.
7. To clean the device, use only a slightly damp towel, and do not allow moisture to get in the device.

