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Solo Mini MANUAL

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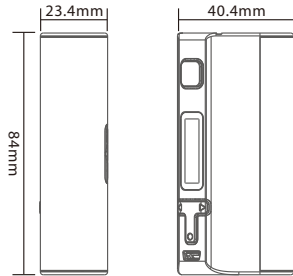
Product Introduction:

IJOY Solo Mini 75W VW/TC Box Mod W/O Battery, an upgraded version of Asolo. It comes much cuter and more fashionable appearance and new integrated magnetic battery cover based on interchangeable 18650, which is the first

and only dry hit prevention box mod. It can support almost all the coil materials in the market, Ti, Ni, Ni-Cr, Ti-cr, Kanthal A1, Stainless steel, etc.

Parameter

- 1*Solo Mini Device
- 1*USB cable
- 1*Warranty Card
- 1*Manual
- 1*Silicone Sleeve



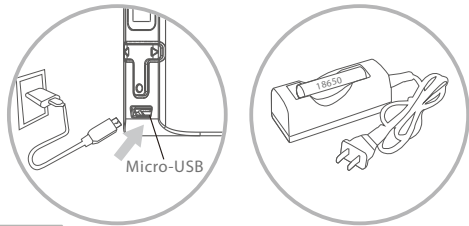
Specifications

- Screen size: 0.91"OLED.
- Size: 84*40.4*23.4mm
- Output Wattage: 5watts-75watts.
- Output Voltage: 0.5Volts-8.5Volts.
- Output Current: 1.0A-20A.
- Temperature Range(Ti/Ni): 300-600°F/ 150-315°C
- Temp Control mode on Nickel and Titanium wire Resistance Range: 0.08ohm-1.5ohm

- Taste Control mode on regular wire Resistance Range: 0.1ohm-2.5ohm.
- Taste Control mode on Kanthal wire Resistance Range: 0.5ohm-2.5ohm.
- Wattage control mode wire Resistance Range: 0.08ohm-3.0ohm.
- Wide range modes: 80%-110%.
- Power efficiency: 98%.
- Temp accuracy: 2‰.
- Material: High-temperature zinc alloy with teflon coating body, more healthy and environmentally

- Fire method: Stainless steel metal stretch button.
- Adjust power method: up and down button.
- GUI operate: YES.
- USB charging for Battery: YES.
- Heating coil material: support almost all kinds of exist wires.
- Single 18650 battery design, only use high AMP 20A or above (battery not included).

- Charging way: user can use charging port to charge Solo Mini, or take out the battery and charged it by 18650 charger.

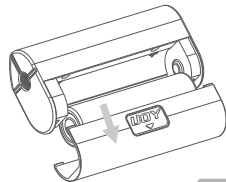


How to use:

1. Installing The Batteries

The Solo Mini is a single 18650-battery mod that features a quick-access Slide down the battery cover and put one 18650 cell into the battery body.

(Tips: Pls use high-rate 18650 cells)



2. Power On/off

- Press the fire button 5 times in quick succession to turn the device on After switch on , OLED display "IJOY Solo Mini" at stand by mode.
- Press the fire button 5 times in quick succession to turn the device off. If you attempt to press the fire button without an atomizer installed, then " NO ATOMIZER" will be displayed.

3.Shift Between VW/TC/NI/TI Mode

The OLED screen presents 4 rows of information: TC/Ni/Ti and VW mode. While the device is on, the OLED screen will show VW Mode.

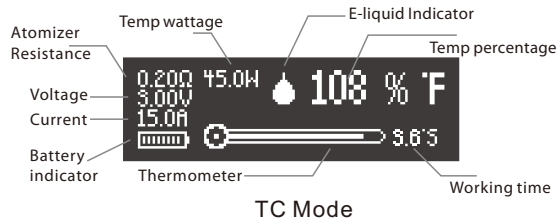
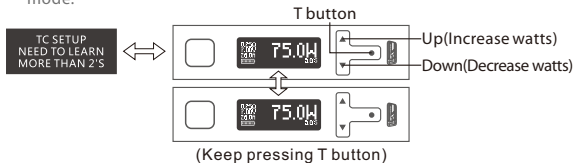


VW Mode

How to use taste control mode?

- Take some puffs to find your desired vaping taste before switching to TC mode. Then keep pressing "T" button .

- When a new atomizer is directly connected in TC mode, the screen will display "TC SETUP NEED TO LEARN MORE THAN 2'S". Then the device needs to go back to VW mode to learn.
- Keep pressing the "T" button, the screen will switch from TC mode to VW mode.



Manage the mode of taste control:

- Norm Mode:

Calibrate your favorite taste at a wattage firstly, then setting to TC mode, temp percentage shows 100%, that's is your favorite wattage chosen before.

- Hard Mode:

Press up button to increase temp percentage 100% to 101%-102%-...-110%, means the working wattage is increased by percent too.

- Soft Mode:

Press down button, temp percentage will decrease from 100% to 99%-98%-...-80%, working wattage decrease by percent.

TIPS:

- When switch to TC mode on maximum wattage, the temp percentage maximum only can reach 100%.. When switching to 100%, the screen will display "MAX WATTAGE".
- To reach the maximum watts output, the battery should be 20A or above.
- For better Taste Control, please make sure the atomizer base is well-connected to Solo Mini. and engineers suggest to learn before entering either TC mode.
- Keep power off when rebuild the RDA on Solo Mini.
- Please make sure the new atomizer has cooled down to room temperature. Otherwise the device will misread the resistance.

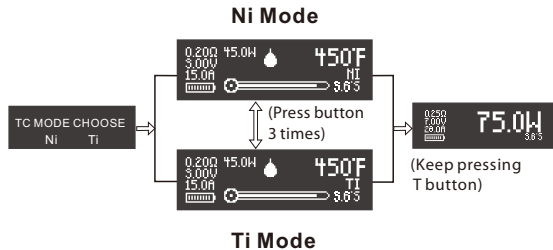
- When the resistance changes more than 0.06Ω , after re-install the tank, a message will be displayed on the screen. Choose "NEW" or "SAME" by using "UP" and "Down" buttons and "T" button to confirm.
- When the resistance changes more than 0.15Ω , the screen will show "NEW ATOMIZER" and the device will automatically switch to VW mode. The default wattage is 15W.
- If you take off the tank from Solo Mini for refilling or any other purpose, please go back to VW mode to learn again.

Ti And Ni Temp Control Mode

- Take some puffs to find your desired vaping taste before switching to TC

mode. Press "T" button 3 times in quick succession to choose Ni or Ti mode.

- To shift between Ni/Ti mode please make sure you are in VW mode.
- Keep pressing the "T" button, the screen will go back to VW mode.
- Press up and down to choose Ni/Ti mode, then wait 2 seconds and Solo Mini will enter the selected mode automatically. The default temperature is $450^{\circ}\text{F}/230^{\circ}\text{C}$.
- Press up/down button to set the temperature value, coil temperature can be adjusted from $300-600^{\circ}\text{F}/150-315^{\circ}\text{C}$ range. The temperature will be increased in 5°F after each press.
- The temperature loops between $^{\circ}\text{F}$ and $^{\circ}\text{C}$



4.Reset Function

What's the reset function?

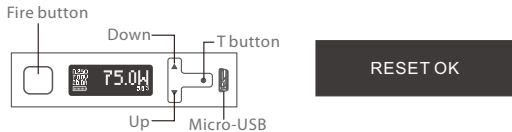
when the atomizers don't work accurately in Ni/Ti TC mode, vapers can comply. reset to read the resistance of atomizer again.

Notice, pls make sure the atomizer is cooling down when reset.

How to reset?

Pls shutdown the Solo Mini device, Press the fire button first then along with the "T" button, the screen will show "reset ok."So it means having cleared the memories of the before used atomizers.

When you power on the device ,it will show "New Atomizer".



5.E-liquid Indicator

The e-liquid indicator will flash in the following situations

1. The device does not have enough e-liquid. The indicator will flash and the

device will stop working 15 seconds. Refill the e-liquid and go back to wattage mode to learn again.

2. If E-liquid is enough, but keep flashing that means the learning time was not enough and the device needs to go back to wattage mode to learn again.

3. If the device overheats, wait a while until it can be used again.



6. Malfunction Indication And Protection

- **Time out protection:** When the button is pressed for over 10 seconds, the output will shut off and the OLED screen will display "TIME OUT".
- **Atomizer short-circuit protection:** When atomizer shortcircuit occurs, the OLED screen will display "SHORTED".
- **Low resistance protection:** When the resistance is lower than 0.08ohm, the OLED screen will display "OHMS TOO LOW". When the resistance is higher than 3ohm, the OLED screen will display "OHMS TOO HIGH".

TIME OUT

SHORTED

OHMS TOO LOW

OHMS TOO HIGH

- **Low power alert:** When battery voltage is below 3.2V, the device shows "LOW BATTERY".
- **PCB temperature overheat protection:** When the temperature of device is too high, the output will shut off automatically and the screen will display "PCB TOO HOT".
- Reverse polarity protection
- Parameter lock-out protection

LOW BATTERY

PCB TOO HOT

Remarks:

1. Do not store the unit in excessively hot or cold environments.
2. Do not install the battery backwards—the device will not power on.
3. Do not abuse or leave the device unattended.