

ADVANCED VAPORIZER



WELCOME TO YOUR NEW TESLA

Thank you for your purchase of the Tesla series advanced personal vaporizer.

With the many choices of personal vaporizer available on the market, we are excited that you chose the Tesla as your new device. We hope that you enjoy the performance and functionality the Tesla will provide.

The Tesla is one of the most sophisticated devices on the market today, providing affordable function and durability.

Please read through this instruction manual first for a full understanding of the many features offered by the Tesla.

We hope the Tesla APV is more than you could hope for in an electronic nicotine vaporizer, and we thank you for choosing our device to fit your needs.

BASIC FEATURES

Power Reset

When the Tesla is turned off, and the OLED display shows “Tesla” and the device will boot into standby after 2 seconds.

Cut-off Protection

Activating the device for longer than 10 seconds will trigger the safety Cut-off feature. The output power of the device will be disabled until the next press of the button.

Low Voltage Detection

When the battery requires charging, the OLED will display a low battery power warning code “Low V”. At this time the device will cease output, protecting the battery from being drained until a charged battery is installed.

OLED Display

When the OLED is set to display during use, it will show the corresponding information it has been set to display. If the OLED is not displaying any information, this option has been turned off.

Safety Ventilation

The Tesla body has been constructed with built-in ventilation throughout the body and bottom cap of the device. In the event of a battery reaching thermal melt-down, the device is designed to stop gas pressure from building by venting through the device.

ADVANCED FEATURES

Constant Voltage and Power (Dual Mode Output)

In constant voltage mode, the output voltage can be adjusted between 3.0 - 6.0V in 0.1V increments.

In constant power mode, the output power can be adjusted between 3.0W and 15.W in 0.5W increments.

Battery

Single cell 3.7V IMR 18650 battery input. Operational voltages range between 3.2 - 4.2V. Only use batteries rated with a minimum of 6C.

3 Button Adjustments

Allows you operate the Tesla menu system and choose between 31 voltage and 25 power settings.

Resistance Check Function

Tests and displays the resistance of the attached atomizer in Ohms.

OLED Display

Shows you the battery input and output voltage, output power, atomizer resistance, short circuit warnings and other Tesla menu options.

Reverse Battery Installation Protection

The control panel is designed to switch to protection mode while not damaging the internal components of the Tesla.

Short Circuit & Amperage Protection

The Tesla is designed to detect external short circuits and disengage to protect the user and device. The Tesla will also detect if the attached atomizers resistance is too low to safely draw current. In both cases the Tesla will disengage output automatically.

OPERATION INSTRUCTIONS

The “-” (minus symbol) button is used to reduce the voltage and power settings of the device. Pressing the “-” button will adjust the current value of either voltage or power down. The OLED display will show the corresponding voltage or power setting.

When the unit is adjusted below 3.0V or 3.0W, it will cycle back to the highest setting 6.0V or 15W.

The “+” (plus symbol) button is used to increase the voltage and power settings of the device. Pressing the “-” button will adjust the current value of either voltage or power up. The OLED display will show the corresponding voltage or power setting.

When the unit is adjusted below 6.0V or 15W, it will cycle back to the lowest setting 3.0V or 3W.

The large button is your activation button. To toggle the device between power on and off, you need to fast-click the activation button 5 times (the button must be pressed five times within two seconds). When the device is off, there will be no output power from the Tesla and the OLED will not display. After power on the Tesla will be ready for use.

To check the battery voltage, hold the “-” activation button down for two full seconds while the OLED screen is on and unlocked. The Screen will then display the battery’s current operational voltage.

To use the atomizer resistance check function, hold the “+” button down for 2 full seconds while the OLED screen is on and unlocked. The screen will then display the connected atomizer’s resistance.

OPERATION INSTRUCTIONS

To toggle the device between locked and unlocked, press both the “-” and “+” at the same time.

To access the Tesla menu, hold the “+” button for 8 full seconds. The Menu will allow you to adjust 3 Tesla settings.

“Power Voltage” – This menu option can be used to change between “Constant Voltage” and “Constant Power” modes for the device; pressing the “-” button will switch between the two menu options.

- When the OLED interface shows the word “Voltage” the device will be set to constant voltage mode, and regulate itself in calculated voltage output.

- When the interface shows the word “Wattage” the unit will be set in constant power mode and will regulate itself in output wattage.

“LCD Display” – This menu option can be used to adjust the content displayed on the OLED screen during use; pressing the “-” button will switch between menu options. The menu setting “Voltage” will display the output voltage or power of the Tesla on the screen while in use. The menu setting “Resistance” will display the OHM resistance of the atomizer during use. The setting “Battery” will display the current output voltage of the battery you are using on the OLED screen during use.

“ON/OFF” will toggle the OLED display on the Tesla to either active or inactive during the use of the device. As with other menu options, you can use the “-” button to toggle between settings.

In the menu mode, the “+” button is used for cycling menu categories. The “-” button is used to confirm the setting. Using these two buttons you will be able to navigate through the Tesla menu. The menu navigation will exit after no buttons have been pressed for 3 seconds.

OPERATION INSTRUCTIONS

During the boot sequence of this device, please do not attempt to operate any functions and allow the device to boot into standby.

When the system boots into standby, use the fast click (5 click on/off function) to turn the device on, the word “Tesla” will display on the screen. If the battery voltage is sufficient for operation, the system will turn on and display the message “System On.”

When the system powers down via the fast click (5 click on/off function), the OLED will display the word “Tesla” and upon successful shutdown will display the words “System Off”, indicating a successful shutdown.

When an atomizer is attached with a resistance measuring lower than 1.2 Ohms, the Tesla display will show “Low Resistance” and cease function to protect the unit from excessive current draw.

When an output short circuit is detected, the OLED screen will display the word “Short”.

When the battery output voltage reaches below 3.2V, the unit will display “Low V” on the OLED display when attempting activation. The unit will resume normal function when a charged battery is installed.

We hope that you enjoy your new Tesla.

Vaporize liquid nicotine how, when, and where you want.



The power is in your hands.

