SMART SMOKE®

Setup: To setup the Zeta 50W™ model, choose which battery size to use (18500/18650). Attach corresponding battery tube to control unit. Insert charged battery (sold separately) into the battery tube with the positive end first. Attach desired atomizer to top of control unit (adjust pin using screwdriver if necessary). Turn control unit ON. Draw on atomizer while holding the ACTIVATE button. Adjust voltage/wattage as desired using UP and DOWN buttons.

Display OLED: The OLED screen (info screen) displays the battery life, volts, ohms of the attached atomizer, and the selected watts. You can increase or decrease the watt output using the UP/DOWN buttons to the right of the OLED screen in 0.1 watt increments. Or hold for 3 seconds for rapid UP/DOWN.

ZETA 50W™ Modes:

ON/OFF Mode (Locked Mode): Pressing the ACTIVATE button 5 times in less than 0.7 seconds will turn the ZETA 50W™ OFF (Locked). In locked mode, the ZETA 50W™ will not power the atomizer, conserving battery life and protecting from unwanted power delivery. If the ACTIVATE button is pressed, the OLED screen will display "*Locked, Click 5X*". To turn ON (unlock), repeat 5 clicks on ACTIVATE button within 0.7 seconds.

Stealth Mode: While in locked mode**,** press the ACTIVATE and DOWN button simultaneously for 5 seconds. This will activate the stealth mode. In this mode the OLED display is OFF. It will still show error messages. To switch back to normal display mode, hold down the ACTIVATE and DOWN button simultaneously for 5 seconds. This setting is stored in the internal flash memory and remains even if the battery is removed.

Right/Left Hand Mode: While in the locked mode, hold the ACTIVATE and UP buttons simultaneously for 5 seconds. This will switch the OLED display for a left-handed user. To switch back to right-handed display, repeat. This setting is stored to internal flash memory and remains even if the battery is removed. *Note: Up/Down Buttons change with Right and Left hand modes.*

Power Locked Mode: Hold both UP and DOWN buttons for 4 seconds, this will place the ZETA 50W™ in Power Locked Mode. That is, the Watts are now locked and cannot be accidentally changed. To exit Power Locked Mode, hold the UP and DOWN buttons for 4 seconds. This setting is stored to internal flash memory and remains even if the battery is removed.

Error Messages: The ZETA 50W™ can display the following error messages:

*CHECK ATOMIZER***:** This will display if the ZETA 50W™ does not detect an atomizer or the atomizer resistance is incorrect for the power setting. (below 0.3 Ω and above 3.3 Ω)

SHORTED: This will display if the atomizer or wiring have short circuited.

CHECK BATTERY: This will display if your battery is unable to output 3.1V. Please insert a charged battery.

WEAK BATTERY: This will display if the battery sags excessively when being activated. This typically means the user is not using a high-rate battery (IMR), or the battery is old and degraded. It can also mean the battery is not making a good contact or the internal board temperature is below 14°F or above 140°F.

TOO LOW POWER: This will display if the ZETA 50W™ puts out a minimum of 3.6V. With low power settings (7-8 watts) and low resistance atomizers (below 2 Ω) the ZETA 50W™ will sometimes be unable to provide a low enough power output to be power regulating. If this is the case, the Ω display will be flashing. The device will still operate.

Suitable Battery: 18650/18500, 3.2 - 4.3V IMR High Discharge, 1.5 - 7 Amp Output Current. (batteries and chargers are sold separately)

ATTENTION:

Although the ZETA 50W™ has reverse battery protection, please make sure to insert the battery correctly being Positive (+) toward the top of the device.

Device Reset: If the battery is not able to power the ZETA 50W™ at the desired setting, or the battery is excessively discharged, the ZETA 50W™ may go immediately into a low voltage shut-down. If activating the ZETA 50W™ causes the screen to blank out and then displays the welcome screen, you should charge, replace or upgrade your battery. This is especially common at power settings above 50 watts combined output.

Auto Power Down: The ZETA 50W™ OLED display will be at full brightness while activated. After 15 seconds if a button is not depressed, the screen will dim. If a button is not depressed within 2 minutes, the screen will fade out and the ZETA 50W™ will go into sleep mode. Pressing any button will wake the device from sleep mode.

Operating Discharge Temperature: The ZETA 50W™ has an onboard temperature sensor. It will shut down and display "Weak Battery" if the internal board temperature is below 14°F or above 140°F.

ZETA 50W™ Kit Includes;
1 x 18500 Battery Tube (shown in picture below)
1 x 18650 Battery Tube
1 x ZETA 50W™ Control Unit
1 x Mini Screwdriver
3 x Replacement Connector Screws
1 x Instruction Manual

UP Button

Activate Button

DOWN Button

OLED Display/ Info Screen

Bottom (Remove to insert battery)

ZETA 50W™ Specs	Minimum	Typical	Max
Output Power (W)	7W	-	50W
Output Voltage (V)	3.6V	-	8.5V
Output Current (Amps)	-	-	10A
Atomizer Ohms (Ω)	0.3Ω	1.5Ω	3.3Ω
Input Voltage	3.2V	3.7V	4.3V
Input Current (Amps)	1.5A	6A	7A
Efficiency	-	95%	-

Power Calculation Note: Power (watts) = Volts Squared/ Resistance