



YiHi SX480J-BT

Size: L59.23*W18*H13.6 mm

YiHi SX480J-BT is a new intelligent chip with TFT color display . Joystick Control makes products more convenient and humane. Single battery 75W with DC-DC, buck-boost technology , efficiency is 92%. It supports Micro USB onboard charging single battery 5V/1A. With the consumption tending to be rational, vapers concern about the Taste most, which makes YiHi's Intelligent Taste Control more and more popular.

No.	Specification	Minimum	Typical	Maximum
Dual-Modes Variable Joule&Variable Wattage (DC-DC, Buck & Boost)				
Variable Joule Mode (Single Battery)				
1	Output Power	10 Joules	30 Joules	75 Joules
2	Output Voltage	0.7 Volt		9.5 Volts
3	Output Current			38.0A
4	Joules Mode Atomizer Resistance	0.05 Ohms	0.15 Ohms	3.0 Ohms
5	Temperature Limit Fahrenheit	212 °F	450 °F	572 °F
6	Temperature Limit Centigrade	100 °C	230 °C	300 °C
7	Input Voltage (Battery required above 25A)	3.2 Volts	3.7 Volts	4.5 Volts
8	Input Current	3.5 A	10.0 A	30.0 A
9	Efficiency		92%	
10	Micro USB Charging for Battery	Yes(5V/1A)		
Variable Wattage Mode (Single Battery)				
11	Output Power	5 Watts		75 Watts
12	Output Voltage	0.5 Volt		9.5 Volts
13	Output Current			38.0A
14	Atomizer Resistance	0.05 Ohms	1.5 Ohms	3.0 Ohms
15	Bypass (Direct Connection Mode)	YES		
16	Output Power (Bypass mode)	N/A		100.0 Watts
17	Output Voltage (Bypass mode)	Battery Voltage-0.09V		
18	Output Current (Bypass mode)	1.33 A		30.0 A
19	Input Voltage (Battery required above 25A)	3.2 Volts	3.7 Volts	4.5 Volts
20	Input Current	1.5 A	10.0 A	30.0 A
21	Efficiency		92%	
22	Micro USB Onboard Charging for Battery	Yes(5V/1A)		
23	Screen On Current		45mA	
24	Quiescent Current		2mA	

25	Power Down Current		2mA
26	Screen size		0.96" TFT Color Display
Features			
27	Fire Method	One Regular Fire Button	
28	Adjust Wattage/Temperature	Joystick Control(Left, Right, Up, Down and Push down)	
29	Rotary Display	NO	
30	App controlled Bluetooth	YES (Support IOS & Android)	
31	Software Upgrade/GUI operate	YES (YiHi SXi Driver&Upgrade Software)	
32	Intelligent taste control system	YES	
33	Taste Mode	YES Eco/Soft/Standard/Powerful/Powerful+ /SXi-Q-S1~S5	
34	Setting TCR	YES	
35	Support all TC wire	YES (Stainless Steel/Titanium/Nickel etc. all TC wires)	
36	Preset:	YES M1 to M5	
37	Temperature Control	Yes (212 °F-572 °F /100 °C-300 °C)	
38	Charging for Mobile Phone	NO	
39	Customize Logo	YES (YiHi SXi Driver&Upgrade Software)	
40	Protection:	1. Reverse Polarity Protection	
		2. Output Short Protection	
		3. Low Resistance Protection	
		4. Battery Low voltage Protection	
		5. Temperature Overheat Protection	

How to operate:

To turn the device On: Press the fire button 5 times, quickly, within 2 seconds

To turn the device Off: Click 5 times on the fire button to enter Menu and choosing "System Off."

To lock the device: Press the fire button three times to lock.

To unlock the device: Press the fire button three times to unlock.

Shortcut operation in the main interface:

Joystick operation:

Pull the joystick left for 3 seconds to switch between Novice mode and Advanced mode.

1. Novice Mode:

a. The wattage can be adjusted. Press the joystick once, and the wattage will turn red. The parameter can be adjusted by pulling the joystick up and down.

b. Pulling the joystick upward to enter the screen lightness adjust mode, by pulling the joystick up and down to adjust lightness.

2. Advanced Mode:

a. Push the joystick directly to adjust the Power, the Joule, the Temperature and the Coil. When it changes to red, the parameter can be adjusted by pulling the joystick up or down. When the temperature changes to red, the temperature units can be switched between Fahrenheit and Celsius by pulling the joystick left and right.

b. Move the Joystick right to switch the flash memory from M1 to M5.

c. Move Joystick left, to adjust the taste mode (Eco, Soft, Standard, Powerful, Powerful+, SXi-Q-S1~S5)

3. Move the joystick up to adjust the brightness of the display.

4. Move the joystick down for 3 seconds to switch the device between bypass mode and normal mode.

5. Move the joystick right for 3 seconds to turn the Bluetooth on or off. When the Bluetooth signal turns white (), it means the Bluetooth has connected. When the Bluetooth signal turns blue (), it means the Bluetooth disconnected

6. Press the Joystick for 5 seconds to reset the resistance.

Menu operation:

1. Press the fire button 5 times, quickly, to enter the menu.
2. Press the joystick up or down to adjust all the functions in the menu.
3. Choose the function that you need to adjust, press the joystick down one time to enter into the sub-menu to adjust the settings by pulling the joystick up or down.
4. Pull the joystick left to return to the Previous menu or back to the main interface.

Instruction of Bluetooth function

Please download the SXi app from the App store (for free) and install in your phone.

Please enter the menu of the device, switch to Bluetooth, press the joystick to enter and then press joystick. The device begins to pair.

Please turn on the Bluetooth of your cellphone and open the SXi app. Press “connecting” and the Bluetooth signal will twinkle for about 10 seconds. When it turns to blue, the device can connect to the phone. If connected, the Bluetooth signal will turn white.

Remark:

1. If you need the Dimension, Wire diagram, 3D file of the SX480J-BT, please email us Cservice@yihiecigar.com.

2. To ensure the product quality, please do not change any parts on the PCB board except that the wires in Red/White/Black can be shortened or lengthened. If need welding wire, we can help you before ship the chip to you.

3. If needed, you can add extra fire button, we leave a solder joint point +/- near the fire button. Please DO NOT move the original fire button from the board.

More information, please visit www.yihiecigar.com or Email: Cservice@yihiecigar.com