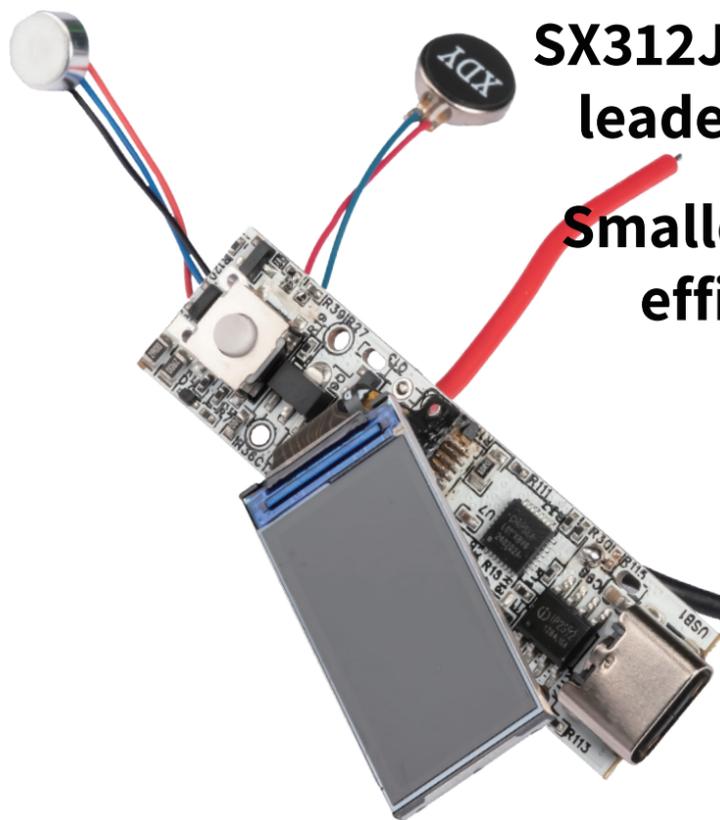


SX312J CHIP | YIHI



**Forging the Future:
Intelligent Precision in a Compact Design!**



SX312J Chip builds on a decade of YiHi's leadership in chip innovation.

Smaller, faster, more reliable, and more efficient.

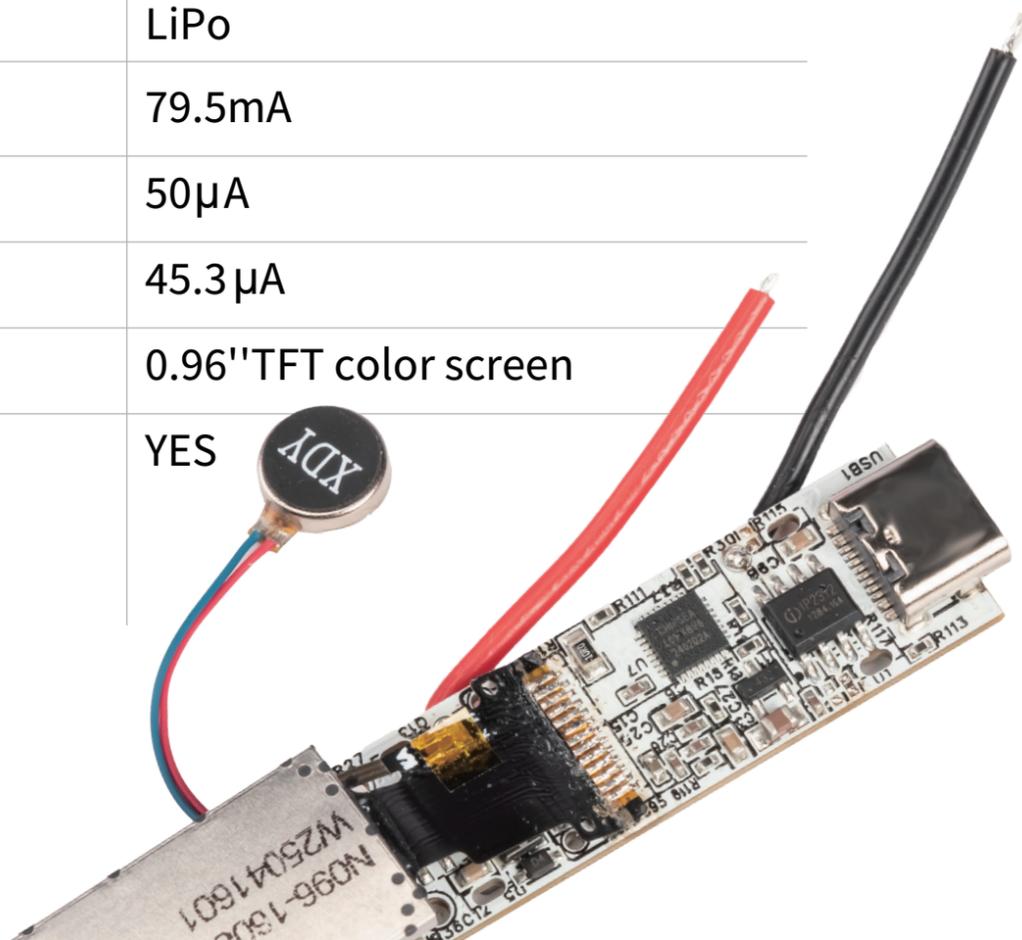
With revamped 4th Gen Temperature control and Temp/Power Curves

**PURE tech inside
NENV - No E-Liquid No Vape**



Specification

Output Power	Min 5W - 35W Max
Output Voltage	Min 1.0V - 6.0V Max
Resistance	0.4 - 3.0Ω
Output Current	10.0A
Input Voltage	Min 3.30V - 4.20V Max
Input Current	Min 3.9A - 7.0A Max
Efficiency	96%
Charging	5V/2A
Supported Battery	LiPo
Screen On Current	79.5mA
Quiescent Current	50μA
Power Down Current	45.3 μA
Screen size	0.96" TFT color screen
Waterproof:	YES

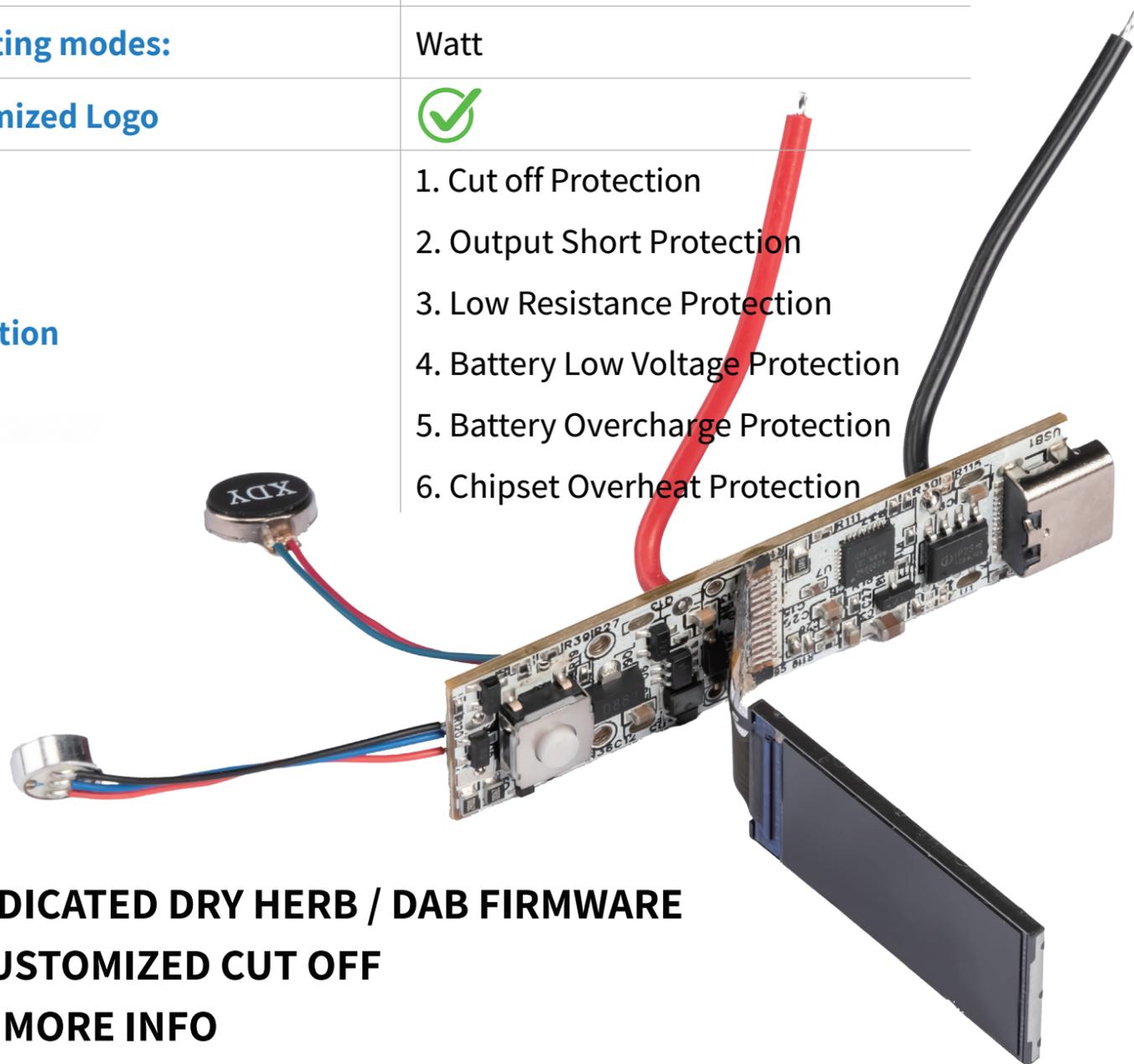


Features

Fire Method	Button-activated/ Auto-draw
Adjustment buttons:	fire button
Software Upgrade	✔ With SX-Link Dongle
Smart Curves	NO
Smart Boost	NO
PURE mode	NO
Temp Control	✔
Temp Control Modes	NO
Preset Temp Control wires:	NO
Operating modes:	Watt
Customized Logo	✔

Protection

1. Cut off Protection
2. Output Short Protection
3. Low Resistance Protection
4. Battery Low Voltage Protection
5. Battery Overcharge Protection
6. Chipset Overheat Protection



**SUPPORTS DEDICATED DRY HERB / DAB FIRMWARE
 AUTO FIRE / CUSTOMIZED CUT OFF
 CONTACT FOR MORE INFO**

To maintain product quality, we kindly request that you refrain from altering any PCB board components, except for the Red/White/Black wires, which can be adjusted in length upon request.

If there is a need for welding wires, please inform us in advance.

For further details and access to the 3D files of the SX312J Chip, please reach out to us for assistance.



QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 38820Q00102R0S

This is to certify that:

Dongguan Yihi Electronic Co., Ltd.

Unified Social Code: 91441900562600497G

Registered Address/Business Address:

Building 1, Yuanxia Road 25, Xiakeng Village, Changping Town, Dongguan City, Guangdong, P.R.China

has been evaluated meeting the requirements of

GB/T 19001 - 2016 / ISO 9001:2015

The certification scope is as follows:

Design of electronic cigarettes and protective products, production and sales, production and sales of electronic products PCBA

Issue Date: Aug.12.2020

Expiry Date: Aug.11.2023

Authorized Signature:



Scan to verify the authenticity of the certificate



Registration number : CNCA-R-2018-388

During the validity period of this certificate, we need to conduct a supervision and audit every year. The validity of this certificate can be checked by scanning the QR code. This certificate information can be found on the official website of the Certification and Accreditation Administration of the People's Republic of China at www.cnca.gov.cn.

Shenzhen Huayu International Certification Co., Ltd.

Room 711, Building 6, Hanyu Bioengineering Co., Ltd., Liyuan Road, Tangwei community, Fuhai street, Bao'an District, Shenzhen.

GB/T 19001-2016/ISO 9001:2015

Images

