WeAct Studio

DC-DC BUCK

DC 24V/PD 20V/QC 12V

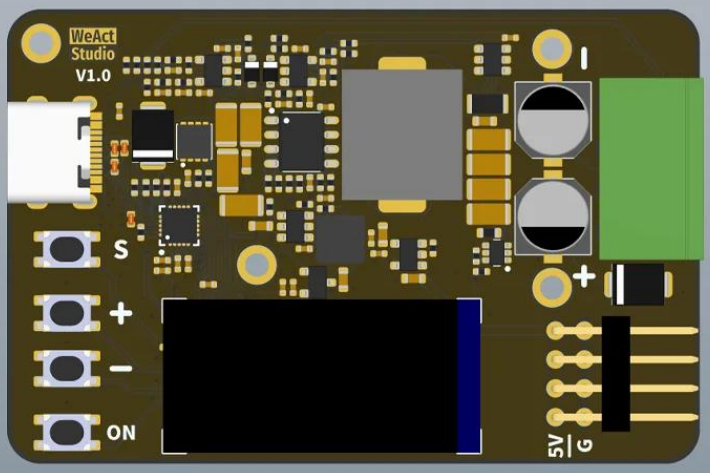
PD Power Mini V1

Input: 5-24V,3A

Output: 1-20V/0.05-3A + 5V/0.3A

Output Setting Accuracy: ±0.01V/±2mA

Output Display Accuracy: ±0.02V/±3mA



WeAct Studio

PD Power Mini V1 BUCK

Power Input

5-24V input
Support DC 24V/PD 20V/QC 12V
Support USB CDC Com.

S: Select

Short press: Toggle Settings
Long press: Exit or enter Settings

+: Increase

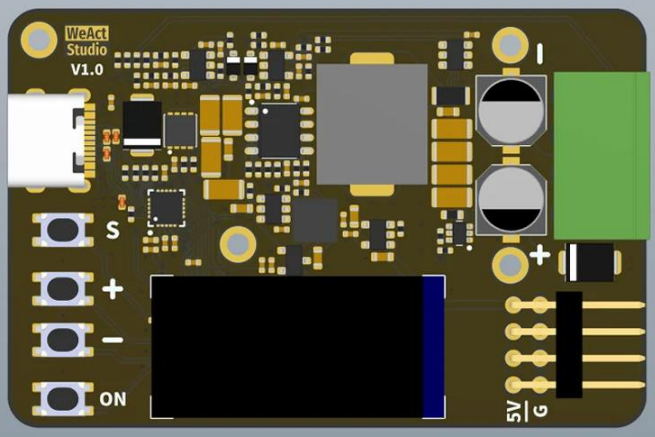
Short press: Set value increase
Long press: The Settings interface is toggle Settings.The main interface is the output voltage setting

-: Decrease

Short press: Set value decrease
Long press: The Settings interface is toggle Settings.The main interface is for setting the output current

ON: Output Enable

Short press: Enable or disable output



Main Power Output

1-20V/0.05-3A, CC/CV
Setting accuracy: ±0.01V/±2mA
Display accuracy: ±0.02V/±3mA
Voltage ripple: <±25mV
In Out voltage drop: ≥2V
The connector will have a voltage drop at high current, about 30mV

AUX Power Output

5V/0.3A
Support short-circuit protection

TFT LCD Screen

0.96 Inch, Resolution: 160x80

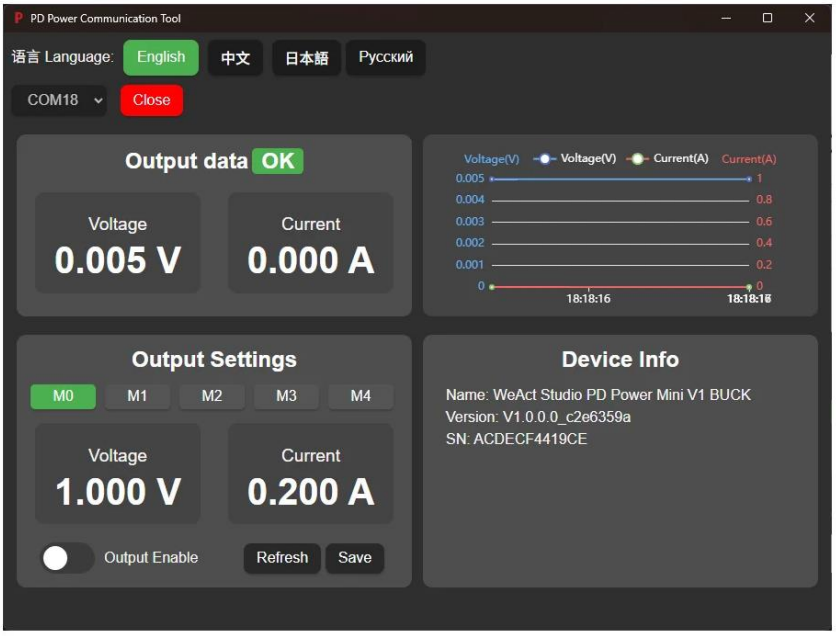
Output test waveform

Input condition: 24V DC

Output setting: 10V/1.5A

0V->10V Step

Voltage ripple (10V/1A CC Load)



Computer software

Open communication protocol

Controllable enable

Set the output value

Gets the output value and status