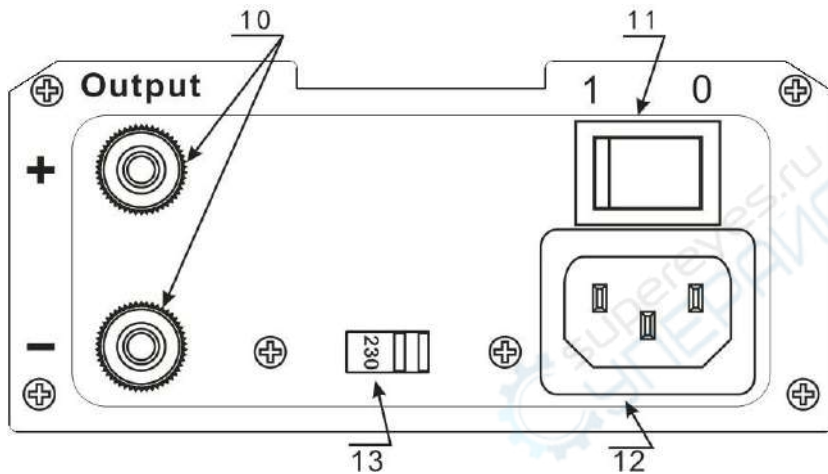
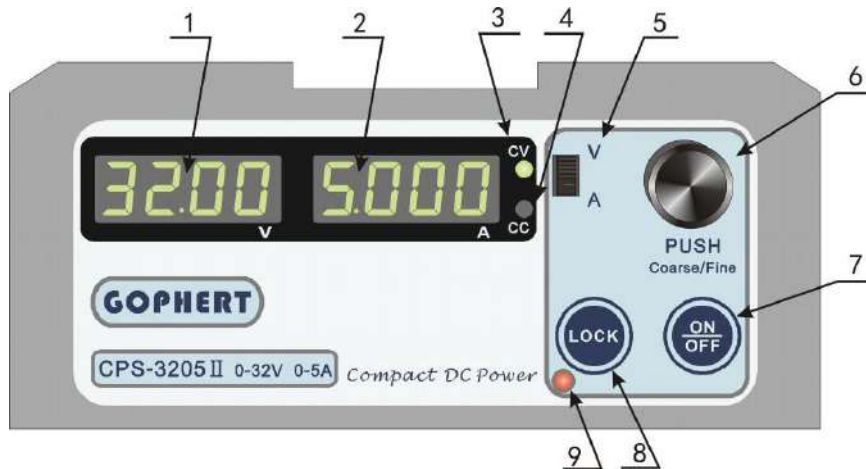


Gopher CPS Series User Manual

I Panel Layout




1. **Volt Meter:** Display the setting voltage or the actual output voltage
2. **Current Meter:** Display the setting current or the actual output current, or output state: OFF, OVP, OCP, OTP
3. **Constant Voltage Indicator**
4. **Constant Current Indicator**


5. **Voltage/Current Select Switch:**
V: adjust voltage
A: adjust current
6. **Adjust Knob:** Push to shift the digit
7. **Output ON or OFF**
8. **LOCK or WATT**
9. **LOCK or WATT Indicator**
10. **Output Terminal:** Red +, Black -
11. **AC Power Switch**
12. **AC Power Socket**
13. **Operating Voltage Select Switch:**
115: Rated Input 100-120Vac
230: Rated Input 200-240Vac

II Function and Operation

1 Set Voltage

Put the switch  to "V", click the adjusting knob to select adjust digit, and then adjust the knob to set the highlight digit.

2 Set Current

Put the switch  to "A", click the adjusting knob to select adjust digit, and then adjust the knob to set the highlight digit.

3 Turn on or turn off output

when the output is turned off, the Amp Meter shows “OFF” , press



, the output turns on, press the button again, the output turns off.

4 Set the output ON at the AC power on



Press for 5 seconds, Amp Meter shows “dOn” for 2 seconds, the output turns on at the AC power on, go back to set the output turn off at AC



Power on, press button for 5 seconds again, Amp Meter shows “dOFF”

5 Lock

This function is configured on the model without suffix “L” . Press



, the lock light turns on, and adjusting knob are disabled. Press



again to cancel lock function.

6 Display the output power

This function is configured on the model with suffix “L” . Press



, the power indicator turns on and Amp Meter displays the output power for 3 seconds

III Protection

1 Output short circuit protection

When the output is short circuit, the power supply works on C.C mode, Amp Meter shows the short circuit current.

2 Over Voltage Protection

Tracking over voltage protection, the OVP value is relevant to the setting voltage. When OVP is triggered, the output is shutdown, Amp Meter displays



“OUP”, click to reset the OVP if the over voltage problem has been resolved.

3 Over Current Protection

Tracking over current protection, the OCP value is relevant to the setting current. When the OCP is triggered, the output is shutdown, the Amp Meter



display “OCP”, click to reset the OCP if the over current problem has been resolved.

4 Over Temperature Protection

The MCU monitor the temperature of the power supply, if the temperature is higher than the special value, the output is shut down; Amp



Meter displays “OTP”, click button to reset the OTP if the temperature is lower.

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