

SCRIPT

Hi everyone, today we will talk about the basic functions of the power supply.

So first of all we have got the on and off button here. Turn on! Turn off!

This button is for output. Turn on! This light means the power supply is supplying power.

We can see two channels here. Master channel and slave channel. They work the same.

This is the voltage knob. We can move the knob to control the voltage.

We can also control the max current by this knob here.

Now this is for negative connection, this is for ground and this one is for positive connection.

Okay this is all about the slave channel. The master channel works the same.

These two buttons set three types of mode. Independent, series, parallel.

When the two buttons are high, the two channels will work independently.

Setting the first button low and second button high will set the series mode. The two channels will get connected like this circuit and the knobs of the master channel will control the voltage and current.

Keeping the two buttons low, parallel mode will be on and the connection between the two channels will be like this.

This part provides fixed voltage and current which is 5V-3A.