功能说明

打开或者关闭输出：
在任何界面，短按①即可打开输出或者关闭输出。
锁定按键防止误操作：
在任何界面，长按编码电位器两秒以上，即可锁定按键，同时
右侧状态栏有锁定标志，再次长按编码电位器两秒以上，即可解锁
按键，同时右侧状态栏有解锁标志。
内设M0~M9共10组存储数据组：
第0组为上电调用的默认数据组，且手动操作调出的数据组都会
覆盖第0组数据，且自动保存在第0组中。
快速调出M1或M2数据组数据：
在主界面中，长按②或③两秒以上，可以快速调出M1或M2
数据组，同时右侧状态栏会提示已调出的数据组序号。
调出指定数据组数据：
在主界面中，长按④两秒以上，右侧状态栏会提示数据组序号，
转动编码电位器调整至所需数据组序号，短按④即可调出指定数据
组数据。

售后服务

★支持七天无理由退换货，如质量问题，我们承担来回运费
★三个月内出现质量问题免费换新，我们承担来回运费
★一年内出现质量问题免费维修，运费各自承担

属于下列情况之一者，不在免费保修范围内：超过三包有效期；未按产
品使用说明书要求或由于使用不当（烧毁、浸液、摔坏等）而造成损坏；
擅自拆解、维修、升级等造成功能异常；因不可抗力造成的损坏。

运费条款仅适用于中国大陆地区。

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如需退回，请填写好产品保修卡一并退回

产品保修卡
产品名称：数控恒压恒流电源0-50.00V，0-15.00A
产品型号：DPS5015 退回原因：
购买日期： 购买途径：
用户姓名： 用户电话：
用户地址：

技术参数
输入电压范围：DC6-60V
输出电压范围：0V-50.00V
输出电流：0-15.00A
输出功率范围：0-750W

Note：You must make sure that input voltage is
1.1 times higher than output voltage.
Under large current circumstances, pay attention
to heat elimination.

Product Weight: 222g
Length of connecting line: 200mm
Display module size: 79mmX43mmX41mm
Open size: 71mmX39mm
Power module size: 93mmX71mmX41mm
Fixed hole center distance: 86mm, 64mm
Output voltage resolution: 0.01V
Output current resolution: 0.01A
Output Voltage accuracy: ± (0.5% + 1 digit)
Output Current accuracy: ± (0.5% + 2 digits)
Connection description

IN+: Input positive  IN-: Input negative
OUT+: Output positive  OUT-: Output negative

*Note:* Input voltage range is DC6-60V, and 60V is the limit voltage. Please leave a room to use, or else it will be burnt. The input must be DC power supply, not AC 220V, or else it will be burnt too. Though this module has reverse connection protection and output short circuit protection, you must be in strict accordance with connection description to connect. If you connect the supply power with output, the module will be burnt.

Panel description

Voltage setting/Page up to choose/Shortcut extract M1 data group
Data setting/Extract value of the specified data group/Store value into the specified data group
Current setting/Page down to choose/Shortcut extract M2 data group

Display interface description

The preset value of output voltage
The actual value of output voltage
The preset value of output current
The actual value of output current
The actual value of output power
The actual value of input voltage

Data setting interface

The preset value of output voltage
The preset value of output current
Key lock or unlock prompt
Output normal or not prompt
Constant voltage and constant current status prompt
Data set prompt
Open or close output prompt

The main interface

Preset output voltage
Preset output current
Preset over-voltage
Preset over-current
Preset over-power
Preset screen brightness
Preset data set

Operational instructions

After applying power, the display will first show the welcome interface, then jump to the main interface.

In the main interface, set the output voltage and current values:

Short press the [SET] button, enter the voltage setting status. At this time, press the numeric keys to select the output voltage. If the number selected is not within the current range, the system will not change the status. After selection, press the [SET] button to confirm the settings. The system will automatically save and return to the main interface, completing the voltage settings. If you press the [Y/N] button within 1 minute, the system will automatically save and return to the main interface.

Data setting interface

In the main interface, press the [SET] button to enter the data setting interface. In this interface, press the [Y/N] button or [A/I] button to enter U-SET. I-SET and other data setting interfaces, which are similar to the voltage setting method.

Set protection values:

Press the U-OVP, I-OCP, and S-OVP buttons, respectively, to set the upper limit values of output voltage, output current, and output power. Press the [SET] button to confirm the values. The system will display the set values.

Set the screen brightness:

Press the B-LED button, enter the numeric key setting interface, and adjust the interface range and output power values to set the time. After setting, press the [SET] button to confirm the settings. The system will display the set values.

Set data and save data:

Press the M-PRE button, enter the data组 sequence selection interface, choose the output voltage, output current, and output power values, and then press the [SET] button to confirm the settings. The system will display the set values.

Set the screen brightness:

Press the B-LED button, enter the numeric key setting interface, and adjust the interface range and output power values to set the time. After setting, press the [SET] button to confirm the settings. The system will display the set values.
When connect the power supply, the screen shows welcome window firstly and then comes into main interface. On the main interface, the output set voltage value and the output set current value is on the top of the screen. The big font value on the left are the actual output voltage, the actual output current and the actual output power. Input voltage is on the bottom of the screen. There are some running status icons on the right of the screen, key lock icon, abnormal output status icon, constant voltage and constant current icon, data set tip icon and opening or closing output icon.

Set the output voltage and output current on the main interface.

Press |v/f| key shortly, you can enter into voltage setting status. Then press the coding potentiometer, and then enter to adjust the numerical value. Press coding potentiometer to enter into the status of adjusting the numerical value you want to adjust. Turn coding potentiometer to adjust the numerical value. Turn by clockwise rotation to increase the numerical value; Turn by counterclockwise to decrease the numerical value. If you want to exit adjusting the numerical value, press shortly |v/f|. In the same time the preset value will be stored. Or you can do nothing in one minute, the status will be automatically existed and the preset will be stored too. You can press |SET| to set the output current by the same way.

Set the data on the data setting interface.

On the main Interface, you can press |SET| shortly to enter into data setting interface. On the data setting interface, press shortly |v/f| or |A/f| to page up or page down to U-SET or I-SET, and then set the output voltage and output current by same way used in the main interface.

Set the protection value.

Page up or page down to S-OVP, S-OCP or S-OPP place to set over-voltage value, over-current value and over-power value correspondingly; when the value is up to the setting value, output will be closed. And then press shortly the coding potentiometer to enter into the status of adjusting the numerical value you want to adjust. Turn coding potentiometer to adjust the numerical value. If you want to exit adjusting the numerical value, press shortly |SET| key.

Adjust the brightness of screen.

Page up or page down to B-LED, and then press shortly the coding potentiometer to enter into the status of adjusting the brightness of screen. Turn coding potentiometer to adjust the numerical value you need. If you want to exit adjusting the numerical value, press |SET| shortly. There are six brightness levels of LCD screen, 0-5 level. Rank 0 is the darkest; rank 5 is the brightest. You can choose what you like.

Data setting and store the specified data group.

Page up or page down to M-PRE, and then press shortly the coding potentiometer to enter into the status of choosing the data groups. Turn
coding potentiometer to choose the data group you need to view. Then the data group you need will be displayed. And then press the coding |SET| potentiometer to enter into status of changing output state. Turn coding potentiometer to choose ON or OFF. When choose ON, the data group is extracted and the output status remain the same. When choose OFF, the data group is extracted and the output is closed. If you want to exit choosing the data group, press |SET| shortly. Then press shortly |V/I| or |A/I| to page up or page down to other place to adjust the data you need. After data setting done, keep pressing |SET| more than 2s, all the data you set are automatically stored into the specified data group. In the same time, you can see the group number on the right of screen. Now you can press |SET| shortly back to the main interface.

Set default boot open or close output
Page up or page down to S-INI, and then press shortly the coding potentiometer to enter into the setting status. Set ON, default boot open; set off, default boot close.

Open or close the output:
You can press |O| to open or close the output on any interface.
Lock the button to avoid wrong operation:
On the any interface, you can keep pressing coding potentiometer more than 2s, all buttons are locked. You can see the key lock icon on the right of screen. If you want to unlock all buttons, keep pressing coding potentiometer more than 2s, all buttons are unlocked. The key unlock icon will be displayed on the right of screen.

M0-M9 ten data groups:
M0 group is the boot default data group. When you extract the data group you need, this data group will cover M0 data group and be automatically stored on M0 data group.

Extract Shortcut storage data group M1 or M2:
On the main interface, keep pressing |V/I| or |A/I| more than 2s, you can extract Shortcut storage data group M1 or M2 quickly. In the same time the corresponding data group number will displayed on the right of the screen.

Extract the specified data group:
On the main interface, keep pressing |SET| more than 2s, the sequence number of data group will be displayed on the right of the screen, you can turn coding potentiometer to choose data group you need. And then press |SET| shortly, you can extract the specified data group you need.

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