Display Introduction:

Digital Display Content	Description
0.00/000.0	Voltage value, 00.00~120.0V
P.000、P0.00、P00.0、P000.	Power value, unit W, the decimal point position with the power of change and change position. For example: P.123 represents 0.123W, P1.23 represents 1.23W, P12.3 represents 12.3W, P102 represents 102W
C.000、C0.00、C00.0、C000.	Capacity values, units AH, the decimal point is changed with the change of the capacity position. For example: C.123 represent 0.123AH, C1.23 represents 1.23AH, C12.3 represents 12.3AH, C123 represents 123AH
--0-	Special features 0
--1-	Special function 1
--2-	Special function 2
--y-	Open Special Function
--n-	Close Special features
SA.-*(* represents 0~9)	Save parameters to the storage location of a storage location 0-9
Lo.-*(* represents 0~9)	Adjust the position of a given set of parameters stored in the 0 to 9
---	Save parameters
u00.0	Set the input voltage protection threshold

- The module has two kinds of usage: one is simple mode, another is fully functional mode. The default is simple mode, if you need fully functional mode, you can open it by yourself

Simple mode:

- Connect the input and output, to ensure that the range of input voltage requirements, the non-reverse. Input voltage must be higher than the minimum input voltage

  Note:
  - Input Voltage Range: 8V ~ 60V
  - Input Current Range: 0A ~ 15A
  - Output Voltage Range: 10V ~ 120V
  - Output Current Range: 0A ~ 15A

- Set the desired voltage and current values. It should be noted that no units display the voltage and current displays last digit decimal point R, the voltage display value in the second or third decimal place (such as 00.00 / 000.0), the current value is displayed in the first or second place (such as 0.00R / 00.0R). Setting voltage and current values as follows: After power on the default display format of the voltage setpoint is the voltage value shown is "00.00" and press the "SET" button to switch to the current set value, the current value display format is "0.00R", press the button Increasing the setting, press the button to reduce the set value, the decimal point will move along with the size of the set value, press accurately set, long press can be quickly set. After the voltage or current value is changed, press the "SET" key will display "----", indicating that save the voltage or current value of the current setting, the instrument default storage location for the M0. If there is no change in the voltage or current value, press "SET" button will switch to the current or voltage values

- After setting press the "OK" button you can export

- lower output state when the voltage value is displayed pressing the key to increase the output voltage, the output voltage can be reduced by pressing the button, you can press the button to increase the current set value when displaying the current value, you can press the button Save small current setpoint, a short press accurately set, press can quickly set. Output state short press "OK" button you can switch the display of voltage, current, long press 3 seconds can automatically round display, press again to cancel long wheel significant. In the next round of significant state, press the button invalid

- The next output state, press "SET" button to turn off the output

Fully functional mode:

This module has three special functions, the default is closed, if necessary, you can open them by yourself

- Function 0: After electricity, it will output automatically
- Function 1: Save and bring up the parameters, display the power and capacity
- Function 2: Take turns to show the parameters after output automatically

Open/close method:

Press the "OK" button for a while, then electricity, the LED will take turns to show among "--0-", "--1-" and "--2-". When displaying "--0-", release the "OK" button, it will open or close the function 0. When displaying "--1-", release the "OK" button, it will open or close function 1. When displaying "--2-", release the "OK" button, it will open or close function 2. After releasing the "OK" button, the "--y-" displays in the digital tube indicates that you have already open the current function, the "--n-" means that you have closed the current function

- The output enable function 0 automatically after power-up
- Enable the function after 1, in the non-output state, press the "SET" button in voltage "00.00" the current "0.00R", call up the parameter "Lo.-0", save the parameters "SA.-0" and set the input voltage switching between 00.0 threshold cycle

  - Set parameters are stored Recall function:
    Such as the need to 10V, 1.5A stored in the memory location 1 and bring up the storage location 1 parameters

    - Press "SET" button to switch to the voltage value, the set voltage value 10.00V, press the "SET" button to save the current set voltage value
    - Press the "SET" button to switch to the current value, the current value is set the tone for 1.500A, press the "SET" button to save the current current value
    - Press the"SET" button to switch to "SA.-0" press the button to select the storage location, where the need to adjust to "SA.-1" press the "OK" button you can set "10V, 1.5A" stored in the storage location 1
    - Press the "SET" button to adjust to the "Lo.-0" press the button to call up the parameters to select the desired storage location, where the need to adjust to "Lo.-1", press the "OK" button brings up the storage location 1 parameters
    - Native 0 to 9 groups of 10 storage locations, each storage location can be arbitrarily set voltage and current values, each storage location are independent of each other

  - Set the input voltage protection
    - Input voltage protection function is mainly used in solar panels as a power supply circuit, which is set as follows: Start special function 1, press "SET" button to switch to 00.0, press the arrow keys to set the voltage value, press the "SET" button Save the current set voltage value
    - For example, your solar panels working voltage is 34V current 8A, you want to use this power supply the voltage to 48V, 4.5A, to recharge the battery, in bright light panels can certainly meet the power needs (assuming this is the maximum power point). But when the sunlight becomes weak, the solar panel voltage drops, assuming 00.0 at this time is set to 30V, when the input voltage drops to 30V, the power supply will automatically adjust the output voltage to ensure that will not be pulled down to 30V or less (ie, to obtain the maximum power)

- Enable the function after 2 output will auto rotate voltage, current, power, capacity, and other parameters
- Restore factory settings: the power supply is powered on, press the SET button, power is automatically restored to factory settings