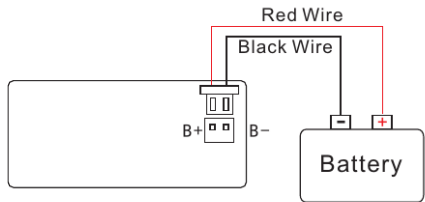
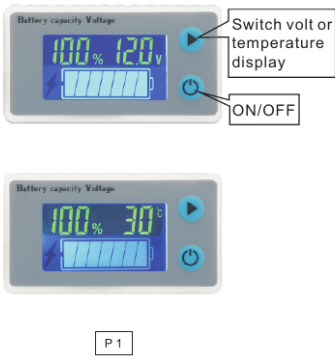


Wiring diagram



Features:

Defaulted applicable battery: 12V lead-acid battery
(If you want to adjust the preset battery specification, please contact us)
Display: LCD color screen displays battery capacity, voltage and temperature (switch by button).
Buttons: with 2 buttons to switch displayed parameter & power on/off.



<https://www.droking.com>

- When the battery is connected to the charger or large current load to discharge, the display parameters will fluctuate.
- When the voltage is low, the red lightning energy icon will flash to indicate.

Enter programming mode:

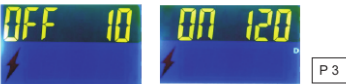
- At power-on status, long press for about 5 seconds to enter the main menu, as shown in Figure P2:



- The main menu has 5 sub menus: 1--, 2--, 3--, 4--, 5--.
- Press and the 5 submenus loops.
- Function of the 5 sub menus:
1--: Select built-in preset battery specification: lithium battery, lead acid battery, LFP battery. (This instrument is used for 48v Lead-acid Battery by default. If you want to adjust it to use for other kinds of batteries, please contact us.)
2--: Setting delay power-off ON/OFF, and adjust delay power-off time.
3--: Customize the voltage of percentage 0 to 100.
4--: Buzzer ON/OFF and alarm value setting.
5--: Calibrate the instrument voltage.
• Press to select the menu to enter, and long press to exit.
• All parameters are subject to the last save.

Delay Power Off ON/OFF & Delay Time Setting:

In submenu 2--, it can set delay power-off ON/OFF and set delay time, as shown in Figure P3:



On the left side, it is to switch delay power-off ON/OFF. Select ON to turn on delay; select OFF to turn off delay.
On the right side, it is to select delay power-off time of 10s/30s/60s/120s.

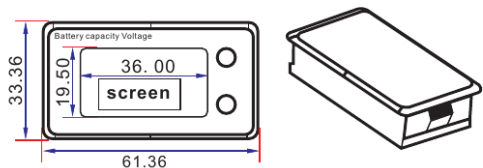
Setting steps:

Enter submenu 2--, short press to switch the parameter.
Short press to change value.
Long press to save parameters.
Long press to exit setting.
Note: After turn on delay power-off, the D symbol will light on.
If set delay power-off time value without turning on the delay function, the delay function will not function.

Voltage Calibrating:

In submenu 5--, it can calibrate the voltage, as shown in Figure P4:
Before entering the calibration interface, please provide an accurate 20V operating voltage for the instrument.
To prevent misoperation, it needs to long press in menu 5-- to enter.
After entering calibration interface, it will automatically calibrate the voltage according to the supplied voltage.
If the supplied voltage is not within 19-21V, the data can not be saved.
After finishing calibrating, it will automatically exit to the normal working interface.
Note: Please ensure a 20V operating voltage for the meter before enter calibration interface, otherwise the voltage error will be larger.

Size: (mm)

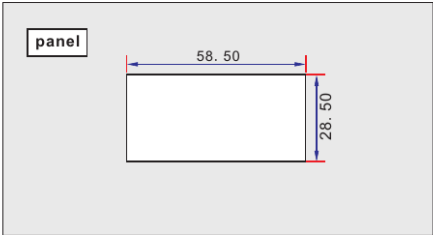
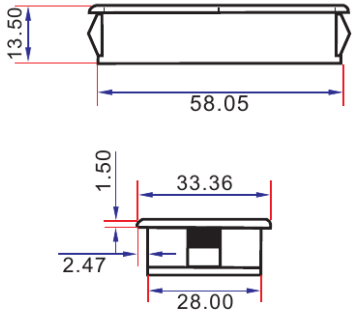


Parameter:

Parameter	Min	Typical	Max	Unit	Figure
Working Voltage	10	/	100	V	/
Working Consumption	/	5	6	mA	Backlight ON
Voltage Accuracy	/	±0.1	±0.5	%	/
Temperature Accuracy	/	±1.5	±1	°C	/
Dormant Mode Consumption	6	10	12	uA	20V
Working Temperature	-10	25	55	°C	/
Product Size	/	/	/	mm	61.5*33.5*13.5
Installation Size	/	/	/	mm	58.5*28.5
Display Size	/	/	/	mm	36*19.5
Weight	20	21	22	g	/

Using Instruction:

- Connect the PH2.0 terminal wire to the connector on the back of the PCB.
- Connect the red wire to the positive terminal of the battery, black wire to the negative terminal of the battery.
- After the battery monitor meter is powered on, it shows the battery power percentage, the voltage and battery icon.
- Short press can turn off the device. At power-off status, the device can be woke up by pressing any button.
- At power-on status, press can switch to display voltage or temperature.
- The battery icon on the display interface, from right to left, are 7 display boxes presenting the battery power level from low to high.
- The voltage on the display interface is measured real-time, and the voltage value is displayed between 10-100V.
- The percentage on the display interface is the percentage of the remaining battery power.



Note: The best thickness of the panel is 2-3mm, please adjust the opening size according to the material of the panel.

Recommend product on Amazon:



Any questions please contact us through Amazon:



DROK DC 8-63V Battery Meter