

Description:

- Suitable for battery pack based on lead-acid battery
- The screen can display voltage, power, electricity percentage at the same time. (Note: these three can be switched by the key. Default: voltage and electricity percentage)
- Can measure adjustable voltage range of 6-120V. (Lead-acid battery 12V for this item)
- It has anti-connecting protection, anti-water and easy to connect with only two wires

Technical Parameters:

- Voltage Measuring Range: DC6-120V (wide range)
- Test Voltage: DC6~120V
 - The minimum resolution below 100V: 0.1V
 - The minimum resolution over 100V: 1V
- Power Resolution: 1%
- Working Current: <20mA
- The Measurement Rate: ≥500mS/ times
- Voltage Measurement Accuracy: 1% (2 digits)
- Lead Length: >150mm
- Minimum Supply Voltage: 6V
- Maximum Supply Voltage: 120V (not over 120V)
- Operating Temperature: -10 ~ +65
- Working Humidity: 10 ~ 80% (no condensation)
- Working Pressure: 80 ~ 106kPa

How to use:

Power on: red wire for "+", black wire for "-"

Setting mode:

- Press a few seconds to setting mode: from 1-U, 2-b, 3-C to 4-d
 - 1-U: adjust voltage
 - 2-b: setting battery type
 - 3-C: setting number of battery
 - 4-d: setting "showing mode"

Adjust voltage:

- While on 1-U, press the button to enter into adjusting voltage mode, release it and press again, voltage will be in step-up adjusted; release the button and then press it to step-down adjust. Repeatedly adjust and save the setting while the screen flashing and finally exist setting

Adjust battery type:

- While on 2-b, press the button to change the type of battery press one by one will show: 1.2V, 2V, 3.2V, 3.7V, 12V
 - 1.2V: NI-MH battery, 10~70
 - 2 V: Lead-acid battery, each battery 2V
 - 3.2V: Lithium iron phosphate battery, each battery 3.2V
 - 3.7V: Polymer battery, each battery 3.7V
 - 12 V: Lead-acid battery, each battery 12V
- While adjusting to appropriate battery type, release the button, save it when the screen flashing and finally exist setting

Setting number of batteries:

- While on the "3-C" setting, press the button to enter into setting number of batteries
- Release the button and press again, value will be in step-up adjusted; release the button and then press it to step-down adjust; repeatedly adjust to appropriate number of batteries
- Save the setting while the screen flashing and finally exist setting
- Different range for different type batteries:
 - 12V Lead-acid battery: 1~10 sections
 - 3.7V Lithium battery: 2~28 sections
 - 3.2V Lithium ion battery: 2~32 sections
 - 2V Lead-acid battery: 3~60 sections
 - 1.2V NI-MH battery: 10~70 sections

Setting showing mode:

- While on "4-d", press the button to enter into setting showing mode
- Release the button, press it once showed one mode: "V" for voltage, "%" for percentage of power (these two will be in cyclic display)
- Adjust to appropriate mode, save the setting while the screen flash and exist setting

Samples for setting:

- 12V Lead-acid battery (1 section 12V series): select 12.0 on "2-b" setting, select 1 on "3-c"
- 36V Lead-acid battery (3 section 12V series): select 12.0 on "2-b" setting, select 3 on "3-c"
- 24V Lithium battery (7 section 3.7V series): select 3.7 on "2-b" setting, select 7 on "3-c"
- 60V Lithium battery (16 section 3.7V series): select 3.7 on "2-b" setting, select 16 on "3-c"