DROK Digital Waterproof meter Power Display

Product Features:

- Default battery mode:24V Lead-acid batteries
- The screen can display real-time temperature, voltage, power, electricity percentage at the same time.
  12 display modes can be chosen:(Default CV% display modes)
  CV%—F—FV—F%—FV %—V—%—V%—C—CV—C%—CV%
  C:Temperature
  V:Voltage
  %: electricity percentage
  F: Fahrenheit temperature
- This meter can set battery modes by keys: Lead-acid batteries, lithium batteries, nickel-hydrogen batteries; also can set battery sections (Section number of batteries in series).
- Suitable for 12V、24V、36V、48V、60V、64V、72V、84V, battery pack,balance car, inverter, electric forklift, sightseeing car, electric car, car battery, battery power mobile equipment and so on. Also it can be used in voltage, power measuring.
- It has anti-reverse protection, power-off memory function.
- Anti-water and easy to connect with only two wires.
- Flashing alarm will be reminded when in high/low battery.

Technical Parameters:

- Power range: DC6-120V (The input voltage cannot exceed 120V, otherwise it will be burned.)
- Measurement voltage: DC6~120V
  The minimum resolution below 100V: 0.1V
  The minimum resolution over 100V: 1V
  Voltage measurement accuracy: 1% (±2 digits)

Temperature measurement range:

- Celsius degree: -50 ~ +120°C
  The minimum resolution of -9.9~99.9°C: 0.1°C
  The minimum resolution in other range: 1°C
- Fahrenheit degree: -58~245°F
  The minimum resolution of -9.9~99.9°C: 0.1°C
  The minimum resolution in other range: 1°C
- Temperature type: NTC
- Temperature probe cable length:>120mm
- Electricity resolution:1%
- Working current :<20mA
- Display form :LED color display
- Measuring rate :≥500mS/T
- Power and switch cable length :>150mm
- Size :L54*W30*H27mm
- Hole size :47.2*27.3mm

Extreme working conditions:

- The lowest power voltage: +6 V
- The highest power voltage: +120 V
- Working temperature: -10~+50°C
- Working humidity: 10 ~ 80% (no frost)
- Working pressure: 80 ~ 106 kPa
- Sun: no directly sunshine

How to use:

1.Power on

Red wire for +, black wire for - .And then it displays real-time temperature, voltage, power, electricity percentage.

2.Default value

Battery mode: Lead-acid batteries; 24V; one section.
Display mode: recycling display temperature (°C), battery, voltage (V), electricity percentage (%).

3.Setting modes:

Long press a few seconds to enter setting mode, display: 1-U.

Each press to switch to the next mode.The mode will recycle display:1-U, 2-b, 3-C, 4-d, 5-t.

(1) 1-U: voltage calibration While on 1-U, long press the button to enter voltage calibration mode;release it and long press again, step-down fine adjustment;release the button and press again, step-up fine adjustment; repeatedly adjust to the standard value and release the button. Save the setting while the screen flashing and finally exit setting.

(2) 2-b: setting battery types

While on 2-b, long press the button to change the types of battery press one by one will show: 1.2V_3.2V_3.7V_12V

1.2V: NI-MH battery, each section is 1.2V

3.2V: Lithium iron phosphate battery, each section is 3.2V

3.7V: Polymer battery, each section is 3.7V

12 V: Lead-acid battery, each section is12V

While adjusting to appropriate battery type, release the button, save it when the screen flashing and finally exit setting.

(3) 3-C: setting number of battery

While on the "3-C" setting, long press the button to enter the mode of setting number of battery sections. Release the button and long press again, value will be in step-up fine adjustment; release the button and then long press to step-down fine adjustment; repeatedly adjust to appropriate number of battery sections. Save the setting while the screen flashing and finally exit 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: 3-32 sections

1.2V NI-MH battery: 10-70 sections

(4) 4-d: setting display modes

12 display modes can be chosen; has power-off memory function. While on "4-d", long press the button to enter display setting mode. Release the button, press button to switch one mode:

V—Voltage, %—Electricity percentage, °C—Celsius degree, °F—Fahrenheit temperature

V % °C—recycling display voltage,electricity percentage, celsius degree.

Switch order: CV—F—FV—FV%—V—%—V%—C—CV—C% —CV%

Adjust to appropriate mode, save the setting while the screen flashing and exit setting.

(5) 5-t: temperature calibration mode

In the case of setting modes, pressing button to switch to 5-t, long press the button to enter temperature calibration mode. Release it and long press again, temperature will be in step-up fine adjustment; release the button and then long press to step-down fine adjustment; Repeatedly adjust to the standard value and release the button. Save the setting while the screen flashing and finally exit setting.

Samples for setting:

- 12V Lead-acid battery (1 section 12V series): select 12.0 on "2-b" setting, select 1 on "3-c"
- 24V Lead-acid battery (2 section 12V series): select 12.0 on "2-b" setting, select 2 on "3-c"
- 36V Lead-acid battery (3 section 12V series): select 12.0 on "2-b" setting, select 3 on "3-c"
- 48V Lead-acid battery (4 section 12V series): select 12.0 on "2-b" setting, select 4 on "3-c"
- 56V Lead-acid battery (28 section 2V series): select 2.0 on "2-b" setting, select 28 on "3-c"
- 60V Lead-acid battery (5 section 12V series): select 12.0 on "2-b" setting, select 5 on "3-c"
- 64V Lead-acid battery (32 section 2V series): select 2.0 on "2-b" setting, select 32 on "3-c"
- 72V Lead-acid battery (6 section 12V series): select 12.0 on "2-b" setting, select 6 on "3-c"
- 84V Lead-acid battery (7 section 12V series): select 12.0 on "2-b" setting, select 7 on "3-c"
- 96V Lead-acid battery (8 section 12V series): select 12.0 on "2-b" setting, select 8 on "3-c"
- 12V Lithium battery (3 section 3.7V series): select 3.7 on "2-b" setting, select 3 on "3-c"
- 18V Lithium battery (5 section 3.7V series): select 3.7 on "2-b" setting, select 5 on "3-c"
- 24V Lithium battery (7 section 3.7V series): select 3.7 on "2-b" setting, select 7 on "3-c"
- 36V Lithium battery (10 section 3.7V series): select 3.7 on "2-b" setting, select 10 on "3-c"
- 48V Lithium battery (13 section 3.7V series): select 3.7 on "2-b" setting,select 12 on "3-c"
- 60V Lithium battery (16 section 3.7V series): select 3.7 on "2-b" setting, select 16 on "3-c"

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Any questions please contact us through Amazon: