

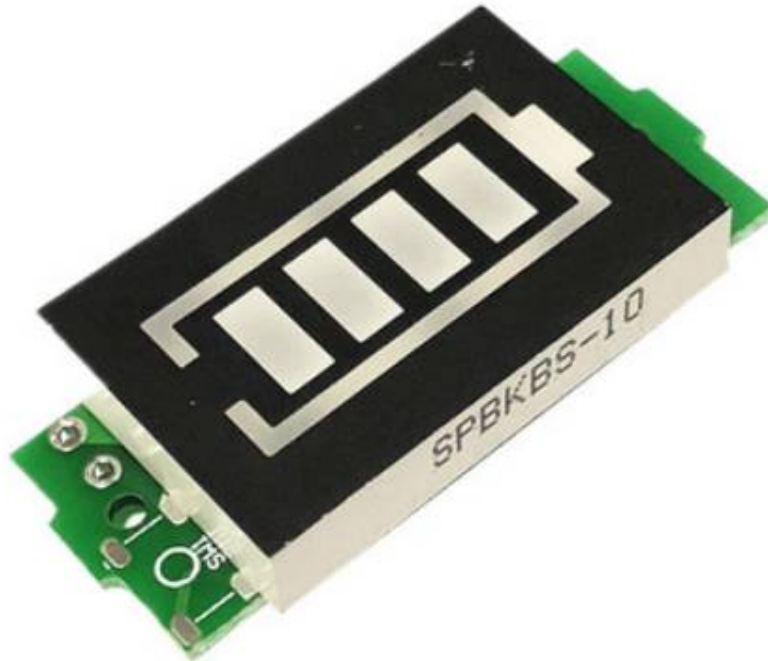
1s/2s/3s/4s LITHIUM BATTERY STATUS / POWER INDICATOR

MODELS: XW228DKFR4-1S-4.2 / 200255

XW228DKFR4-2S-8.4 / 200256

XW228DKFR4-3S-12.6 / 200257

XW228DKFR4-4S-16.8 / 200258



PCB Size: L=43.5, W=20, H= 9mm,

Character Size: VA- 25x11mm

Warm tips: This type is not waterproof. Please do waterproof protection if it is used outdoors. Because electronic components need to be used in a dry environment.

Lithium, lead-acid, and nickel hydrogen batteries can be used for the battery status display module.

Usage: Connect the positive and negative terminals of the display module to the positive and negative 2 terminals of the tested battery, and the 7-Segment display will display the real-time battery power.

Display power parameters:

(Note: N represents the number of battery cells) (the following data is the reference value, there will be an error range of about 2%, and do not buy those with high requirements)

Battery voltage is greater than $n \times 3.3V$, battery status bright 1 grid

Battery voltage is greater than $n \times 3.5V$, battery status bright 2 grids.

Battery voltage is greater than $n \times 3.7V$, battery status bright 3 grids.

Battery voltage is greater than $n \times 3.9v$, battery status bright 4 grids.

Battery voltage is less than $n \times 3.3V$, 4 segments display all off.

7-Seg. Display color: The outer frame is red, the inner display grid is yellow green and blue can be chosen. and 4 grids are fully bright when the battery is fully charged.

4V lead acid voltage range:

Battery voltage is greater than 3.3V, battery status bright 1 grid

battery voltage is greater than 3.5V, battery status bright 2 grids

battery voltage is greater than 3.7V, battery status bright 3 grids

battery voltage is greater than 3.9V, battery status bright 4 grids

6V lead acid voltage range: (2 series lithium iron phosphate batteries can be used)

Battery voltage is greater than 5.6v, battery status bright 1 grid.

Battery voltage is greater than 5.9v, battery status bright 2 grids

Battery voltage is greater than 6.2v, battery status bright 3 grids

Battery voltage is greater than 6.6v, battery status bright 4 grids

12V lead acid voltage range: (4 series lithium iron phosphate batteries can be used)

Battery voltage is greater than 11.0v, battery status bright 1 grid.

Battery voltage is greater than 11.8v, battery status bright 2 grids

Battery voltage is greater than 12.3v, battery status bright 3 grids

Battery voltage is greater than 13.1v, battery status bright 4 grids

24V lead acid voltage range: (8 series lithium iron phosphate batteries can be used)

Battery voltage is greater than 22.3v, battery status bright 1 grid.

Battery voltage is greater than 23.5v, battery status bright 2 grids

Battery voltage is greater than 24.7v, battery status bright 3 grids

Battery voltage is greater than 26.3v, battery status bright 4 grids

36V lead acid voltage range: (12 series lithium iron phosphate batteries can be used) Note:

the voltage range of 36V lead acid exceeds 43v that the module will be burned out

Battery voltage is greater than 33.9v, battery status bright 1 grid.

Battery voltage is greater than 35.9v, battery status bright 2 grids

Battery voltage is greater than 37.9v, battery status bright 3 grids

Battery voltage is greater than 39.9v, battery status bright 4 grids

48V lead acid voltage range: (15 series lithium iron phosphate batteries can be used) Note:

the voltage range of 48V lead acid exceeds 59V that the module will be burned out

Battery voltage is greater than 43v, battery status bright 1 grid.

Battery voltage is greater than 45.6v, battery status bright 2 grids

Battery voltage is greater than 48.2v, battery status bright 3 grids

Battery voltage is greater than 50.9v, battery status bright 4 grids