

# 35716-MP

## Battery Under Voltage Monitor

Compact Battery protection module for 9-12V battery voltage monitoring, with buzzer & LED alarm. When battery drops below set voltage, the buzzer beeps & the LED lights; When the battery voltage rises above the set value, the alarm resets.

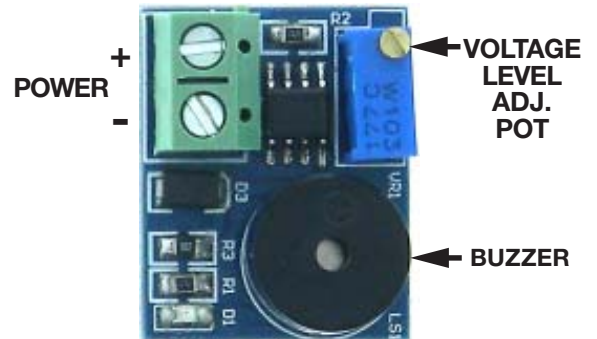
Voltage Range: 6-15V Max **No Overvoltage Protection**

Adjustable Set Point for individual battery types.

Reverse polarity Protected.

Connection: Terminal Strip.

**L:** 1" **W:** 13/16" **H:** 9/16" **WT:** .02



### EXAMPLE UNDER-VOLTAGE SETTING METHOD: FOR REFERENCE

For 9V or 12V Batteries Follow the Chart to set you value as required

The following is the correspondence between the undervoltage and the resistance between Pin 1 & 2 of the Potentiometer. Adjust the Potentiometer approximate resistance value shown to set the corresponding under-voltage value (Factory default undervoltage is 10.5V)

**MAX INPUT VOLTAGE 15V**

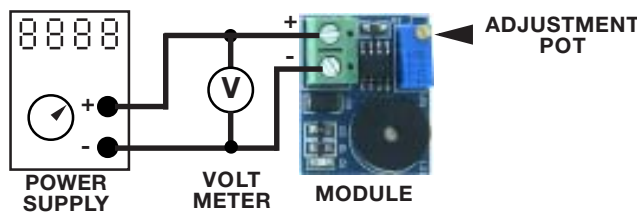
For 9V Battery	Approx. Pot Resistance	For 12V Battery	Approx. Pot Resistance
8.5V	6.57K	11V	5.07K
8V	7K	10.5V	5.29K
7.5V	7.48K	10V	5.54K

For a more absolute Calibration:

Place a well regulated, low noise, metered (0-15V@1A Min) Bench Supply as input to Alarm (and/or a accurate Voltmeter across Module Input.

Adjust the Power Supply output to the Low Voltage Alarm voltage you require.

Adjust the Potentiometer on the Module Until the Alarm sounds.



Information including Drawings, Schematics, Links and Code (Software) Supplied or Referenced in this Document is supplied by MPJA inc. as a service to our customers and accuracy or usefulness is not guaranteed nor is it an Endorsement of any particular part, supplier or manufacturer. Use of information and suitability for any application is at users own discretion and user assumes all risk.

Information Subject to Change Without Notice  
All rights are retained by the respective Owners/Author(s)



**MARLIN P. JONES & ASSOC., INC.**

P.O. Box 530400 Lake Park, FL 33403  
800-652-6733 FAX 561-844-8764  
WWW.MPJA.COM