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**1-877-805-3377**



## VM-100 Battery Voltage Monitor



**VM-100 Monitor**

### Product Overview

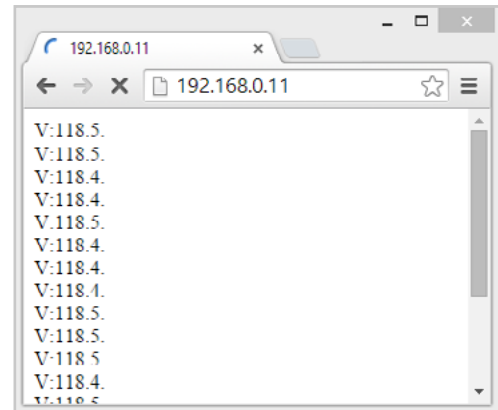
The Eagle Eye VM-100 Battery Voltage Monitor is a simplistic & inexpensive battery monitoring system designed to monitor battery string voltage for over and under voltage conditions. The VM-100 Battery Voltage Monitor is used in 24V, 48V, 125V, and 250V applications - and reads battery bus status, detects out-of-limit conditions, and provides alarm indications per user settings. The unit is equipped with four (4) Form C Contacts - Two (2) Form C contacts for over voltage & Two (2) Form C contacts for under voltage. Designed with a color touchscreen, the VM-100 Battery Voltage Monitor has a user-friendly interface that displays the monitor's status, under voltage and over voltage trip values, time delay, and IP address settings. Modbus protocol is available on all units.

### Features

- Color touchscreen simple interface
- Ethernet connectivity to web interface, (4) Form C Contacts
- High reliability & durability
- Modbus TCP/IP output for all measured parameters
- Simple installation with mounting kit for DIN rail or wall mount
- Monitors 24V, 48V, 125V, & 250V batteries

### Applications

- Power Utilities
- Telecommunications
- Mission Critical Facilities
- UPS Systems
- Power Generation & Distribution



**Web-Interface for Monitoring**

### Technical Specifications

<b>Measurement Range:</b>	<b>Battery Voltage:</b> 18-32, 38-60, 90-160, 180-320 VDC
<b>Output Contacts:</b>	(4) Form C
<b>Contact Rating:</b>	<b>125 VAC/VDC:</b> 0.5A <b>30VDC:</b> 2A
<b>Maximum Switching Power:</b>	60 W
<b>Power Requirements:</b>	Powered by connected battery DC voltage
<b>Noise Immunity:</b>	IEEE/ANSI Standard C 37.90a-1989 compliance
<b>Time Delay to Alarm:</b>	Adjustable 1 – 999 seconds
<b>Operating Environment:</b>	Temp: 0 – 55°C (32 – 131°F), Humidity: 0 – 95% RH
<b>Dimensions / Weight:</b>	147 x 91 x 45 mm (5.77 x 3.56 x 1.77 in) / 284 g (10 oz)

### The VM-100 Includes

- VM-100 unit (for 24V, 48V, 125V or 250V)
- DIN rail mounting clip
- Backplate for wall mounting
- User Manual

### Ordering Information

No.	Model #	Description
1	VM-100-XXX	Voltage Monitor, available for 24V, 48V, 125V, or 250V

1) Determine part number for required voltage, Ex. VM-100-XXX would be VM-100-125 for 125V applications.