



# VM-100 Battery Voltage Monitor



VM-100 Monitor

## Product Overview

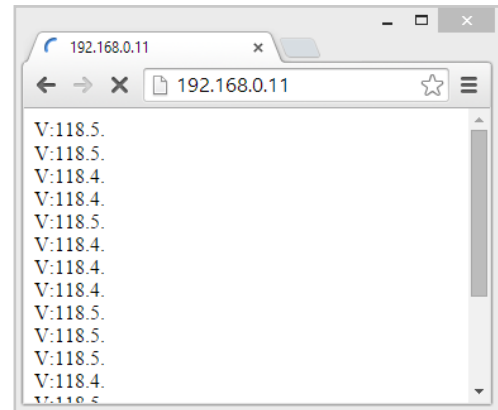
The Eagle Eye VM-100 Battery Voltage Monitor is a simplistic & inexpensive battery monitoring system designed to monitor battery string voltage for over and under voltage conditions. The VM-100 Battery Voltage Monitor is used in 24V, 48V, 125V, and 250V applications - and reads battery bus status, detects 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	
Measurement Range:	Battery Voltage: 18-32, 38-60, 90-160, 180-320 VDC
Output Contacts:	(4) Form C
Contact Rating:	125 VAC/VDC: 0.5A 30VDC: 2A
Maximum Switching Power:	60 W
Power Requirements:	Powered by connected battery DC voltage
Noise Immunity:	IEEE/ANSI Standard C 37.90a-1989 compliance
Time Delay to Alarm:	Adjustable 1 – 999 seconds
Operating Environment:	Temp: 0 – 55°C (32 – 131°F), Humidity: 0 – 95% RH
Dimensions / Weight:	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.