

Voltron® Voltage Monitoring & Warning Module

Real-time voltage detection with instant operator alerts

Voltron® is a compact, solid-state voltage monitoring module designed to protect vehicles and equipment from electrical system failures before they happen. Acting as a real time voltage monitoring system, it continuously tracks system voltage and provides immediate visual alerts when conditions move outside safe operating limits.

This is more than a warning light – it's an early detection electrical system protection device that helps prevent downtime, battery damage, and costly repairs. In environments where electrical reliability is critical, Voltron® delivers simple, dependable protection without added complexity.

Key Features & Performance

- Continuous monitoring as a vehicle voltage monitor system
- High and low voltage detection for full system awareness
- Instant visual alert via automotive voltage warning light
- Solid-state design – no moving parts, long service life
- Compact panel mount voltage indicator for easy integration
- Simple 2-wire installation for fast deployment
- Optional delay circuit to reduce nuisance alerts

What It Protects & Where It's Used

Voltron® functions as a proactive battery voltage warning device, identifying issues before failure occurs. It's ideal for any system requiring a dependable voltage alert system for equipment in real-world conditions.

- Heavy-duty trucks and fleet vehicle voltage monitor applications
- Agricultural, construction, and industrial equipment
- Marine systems and off-highway vehicles
- Protection against: overcharging, undercharging, alternator failure, voltage spikes, and system instability

One small module. Total electrical awareness.

Technical Overview

Voltron® continuously measures voltage and activates a warning when thresholds are exceeded, operating as a reliable over under voltage protection module. Optional delay circuitry filters out short fluctuations, making it ideal for real-world operating conditions.

- Voltage: 12V (24V options available)
- Preset limits (example 1700-1):
 - High: ~15.5V
 - Low: ~12.0V
- Delay: ~8–20 seconds (model dependent)
- Output: warning light activation
- Mounting: instrument-ready panel mount

Connection: simple 2-wire harness

1700-1 – Standard Voltage Monitoring

A dependable low voltage warning system vehicle solution providing continuous monitoring and immediate alerts when voltage moves outside safe limits.

1700-10 – With Delay Circuit

Designed to reduce nuisance alerts, this model filters short fluctuations while still acting as a precise charging system failure warning device.

1700 Series Variants

Configurable thresholds for specialized applications, functioning as a flexible battery protection module 12V 24V solution.

Voltron® Still Delivering

As systems become more complex, Voltron® keeps protection simple. It delivers instant response with no software, no calibration, and no lag – a proven preventative maintenance electrical monitoring solution trusted across decades of real-world use.

Complete System Positioning

Pair Voltron® with your audible alert system for full operator awareness:

- BARK® II → multi-condition audible alerts
- Voltron® → electrical system monitoring

Together, they form a complete vehicle voltage monitor system and alert solution – visual and audible protection working in sync.

Connect With Our Team

Integrate Voltron® into your system and upgrade to a rugged, proven voltage monitoring module built for real-world electrical protection.

While systems get more complex, Voltron® keeps electrical monitoring simple and dependable.

Combined System Positioning:

- BARK = Multi-condition audible alerts
- Voltron = Electrical system monitoring

Together: Complete operator warning system (visual + audible)

Part Number:

- 1700-70-1908