

Specifications

**Model # SELS-XXX**

Solar Power Source

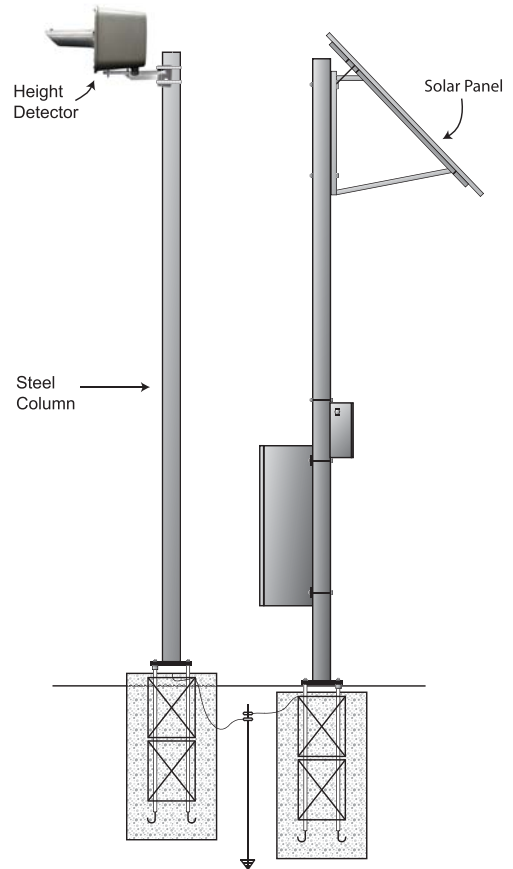
**Features**

- Cost effective alternative to cable installation
- Can mix AC/DC in installation
- 21 consecutive sunless days capacity standard
- Rechargeable by generator

All Trigg Industries Overheight Vehicle Detection Systems (OVDS) can be operated with solar power. The operating voltage is 24 Volts DC for both the Transmitter and Receiver units. Custom configured for each geographic location [at least 7 times US Department of Energy requirements].

The solar power system consists of a solar panel assembly, batteries and solar control electronics. A 24 VDC to 115 VAC inverter can be included to supply 115 VAC power for the Trigg Industries Warning Sign, Bell or other warning devices. The batteries, solar control electronics and inverter are mounted in vandal proof aluminum enclosures with inside the pole wiring. Mounting poles can be supplied or the customer can supply their own or use existing structures. Proper orientation of the solar panel assembly is necessary.

Solar power is a consideration where costs and/or substantial difficulties [trenching, right-of-way, etc.] are encountered in providing 115 VAC power to one or both sides of the roadway. The Trigg Industries OVDS can be operated by a combination of solar power and 115 VAC without system degradation.



- OUTPUT..... 24 VDC.
- ELECTRONICS ..... Enclosed in DOT grade stainless steel cabinet.
- TEMPERATURE RANGE ..... - 40° to + 135° F (- 40° to + 57° C).
- SHIPPING WEIGHT ..... Varies with system requirements.