

**Model : TVI**  
**Description : Battery Voltage Indicator**

### Utilization:

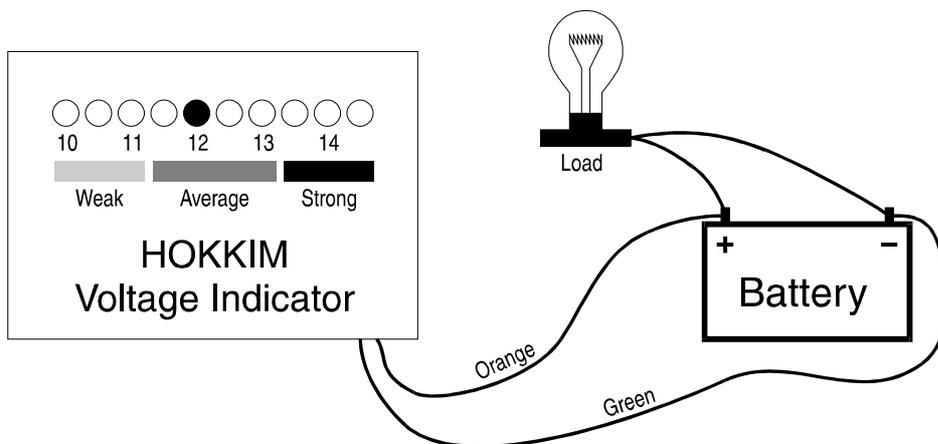
The HOKKIM TVI is a simple low cost device to indicate the voltage of a DC Power Supply like a battery. We often do not have any indication of the condition of our car battery, for example, until it is completely run-down and we are unable to start the car.

With the TVI mounted on the dashboard and connected to the terminals of the car battery, you can have a constant and reliable indication of the condition of your car battery.

A battery whose charge is low can still give a satisfactory voltage reading when it is not loaded. To obtain an accurate indication of the battery state, the battery must be connected to a load when reading the TVI.

To get an indication of the condition of your car battery, first turn on the ignition switch WITHOUT cranking and starting the engine. Then turn on the car headlamps. Read the TVI to know your battery charge condition. Remember the headlamps must be ON while the engine is NOT running.

When the engine is running, the TVI will give a strong voltage reading whatever the condition of the battery because it is then indicating the charging voltage of the alternator. If the TVI gives a weak reading when the engine is running, it means that your alternator or the charging circuit is not functioning properly and the charging voltage is unsatisfactory.



### Technical Data

Supply Voltage	:	<input type="checkbox"/> 24VDC	<input type="checkbox"/> 12VDC
Consumption	:	< 0.1W	
Indication	:	3 Green LEDs (Strong) 4 Amber LEDs (Average) 3 Red LEDs (Weak)	
Voltage Range	:	10 - 14.5V for 12VDC Supply 20 - 30V for 24VDC Supply	
		Dimensions: 50 x 35 x 20mm.	
		Weight	: 45g with wires.