



## 14.5 Voltage Limiter

The 14.5 Voltage Limiter is a high performance solar voltage controller designed to connect to Global Solar portable solar modules and provide energy to applications where voltage limits are required. Unregulated solar panels have output voltages that range anywhere from 14-28 volts or higher. Such voltage can damage the charging input of sensitive devices. The 14.5 Voltage Limiter regulates the solar panel fluctuating voltage input by capping the voltage below a max peak on the output in order to safely charge sensitive devices.

### 14.5 Voltage Limiter Features:

**Small and Lightweight** - weighs 10 oz., size is 4.75 x 2.5 x 2.25 in., cables attached are 6 in. long

**Range of Input Power** - Unit can be used with all Global Solar P3 line of solar panels and 25W SUNLINQ

**LED Status** - LED light on indicates solar panel is connected and working  
LED light out when:  
- attached load is greater than solar panel output power  
- solar panel is disconnected

NOTE: Check device being charged to monitor charging status (14.5 Voltage Limiter does not indicate charging status)

### 14.5 Voltage Limiter Specifications

Dimensions	4.75"H X 2.5"W X 2.25"D
Solar Cable Length	6 inches
12V Auxiliary load output cable length	6 inches
Standard Auxiliary load output Plug	Barrel Plug 2.5mmID
Standard Solar Connector	SAE 2 pin trailer plug
Weight	10 oz
Water Resistant	Not intended for Submersion

### Performance Specifications

Maximum Solar Input	55 Watts
Maximum Input Voltage	16 - 35 VDC
Load Voltage Range	12V to 15V
Maximum Load Output	3.5 Amps
Power Conversion	High Efficiency Switch-Mode Technology
Ambient Temperature	0°C to 50°C



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