



# SP10R-L

## 10 W Solar Panel with Regulator



Image Not Available

### Overview

The SP10R is a 10-W photovoltaic power source capable of recharging batteries. It has an on-board voltage regulator. The user-defined-length cable has stripped and tinned leads that connect directly to a user-supplied deep-cycle battery.

The SP10R is a sufficient charging source for many of our system configurations in tropical to temperate latitudes. It allows unattended operation of systems in remote locations, far from AC electrical sources.

### Benefits and Features

- › Supplies electrical power in locations where ac power is unreliable, expensive, or not available
- › On-board voltage regulator allows direct connection to a user-supplied external battery

### Detailed Description

The SP10R includes mounting hardware consisting of the #17492 U-bolt and Matching Nuts. The #17492 U-bolt provides a 2.125" (5.398 cm) space between the U-bolt legs. This

hardware allows the solar panel to be mounted to a 0.75" to 1.5" IPS pipe (1" to 2" OD).

### Specifications

-NOTE-

*Solar panel characteristics assume 1 kW m<sup>-2</sup> illumination and 25°C solar panel temperature. Individual panels may vary up to 10%. The output panel voltage increases as the panel temperature decreases.*

- Maximum Allowable Wind Gust Speed
- › 58 m s<sup>-1</sup> (130 mph) Standard mount
  - › 58 m s<sup>-1</sup> (130 mph) Extended mount
  - › Note: The wind ratings are for solar panels with the indicated mounts and do not account for strength of tower or tripod.

Cable Description	20 AWG, 1-twisted pair
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Maximum Peak Power	10 W
Current at Peak	0.59 A
Voltage at Peak	16.8 V
Current Drain	2 mA (continuous)

On-board Regulator Included	Yes
Dimensions	41.9 x 26.9 x 2.3 cm (16.5 x 10.6 x 0.9 in.)
Weight	3.0 kg (6.6 lb)

For comprehensive details, visit: [www.campbellsci.com/sp10r](http://www.campbellsci.com/sp10r) 



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