



Overview

The SP10 is a 10-W photovoltaic power sources capable of recharging batteries. Its 6.1 m (20 ft) cable has stripped and tinned leads that connect to the PS150, PS200, CH150, CH200, or battery base of the CRWV3, CR3000, CR5000, CR7, CR9000X,

or CR6. The SP10 has 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
- ▶ Recharges the sealed rechargeable battery of a PS150, PS200, BP12 (requires CH150 or CH200), BP24 (requires CH150 or CH200), CRWV3, CR3000, or CR5000

Detailed Description

The SP10 includes mounting hardware consisting of one pn 17492 U-bolt and matching nuts. The U-bolt has a 5.398 cm (2.125 in.) space between the U-bolt legs. This hardware allows

the solar panel to be mounted to a 0.75 in. to 1.5 in. IPS pipe [25.4 to 50.8 cm (1 to 2 in.) OD].

A 788 connector must be soldered onto the solar panel leads to use the SP10 with a 21XL rechargeable base.

Specifications

-NOTE-

Solar panel characteristics assume 1 kW m⁻² 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 Peak Power	10 W
Current at Peak	0.59 A

Maximum Allowable Wind Gust Speed	› 31 m s ⁻¹ (70 mph) Standard mount
	› 58 m s ⁻¹ (130 mph) Extended mount
	› <i>Note: The wind ratings are for solar panels with the indicated mounts and do not account for strength of tower or tripod.</i>
Voltage at Peak	16.8 V

Cable Description	20 AWG, 1-twisted pair
On-board Regulator Included	No
Cable Diameter	6.35 mm (0.25 in.)
Dimensions	41.9 x 26.9 x 2.3 cm (16.5 x 10.6 x 0.9 in.)
Weight	2.1 kg (4.6 lb)

For comprehensive details, visit: www.campbellsci.com/sp10 



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