



Overview

The SP5-L is a 5 W solar panel that is typically used as a recharging source with our CR300-series dataloggers, as well as our CRW3. It may be suitable for use with other data loggers, provided that the system's power recharge requirements are

low enough. The SP5-L cable has a user-specified lead length that terminates in pigtails to attach directly to the terminal strip of the data logger.

Benefits and Features

- ▶ Supplies electrical power in locations where ac power is unreliable, expensive, or not available

Detailed Description

The SP5-L solar panel captures solar energy via a 72 in.² surface area. It is only suitable for systems with low power requirements. Sites must also have good exposure to sunlight.

The SP5-L differs from the SP5 only in its cable termination. The SP5-L cable terminates in pigtails that attaches either to the data logger's terminals or a standard power supply. In contrast,

the SP5 cable terminates in a connector for attachment to the ENC200 enclosure.

Included mounting hardware consists of one part no. 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 0.75-1.5 in. IPS pipe [25.4-50.8 cm (1-2 in.) OD].

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.

Cable Description	20 AWG, 1-twisted pair
Maximum Peak Power	4.5 W

Voltage at Peak	16.5 V
Current at Peak	0.27 A
On-board Regulator Included	No

Cable Length	0.91 m (3 ft)
Dimensions	25.1 x 26.9 x 2.3 cm (9.9 x 10.6 x 0.9 in.)
Weight	0.9 kg (2 lb)

For comprehensive details, visit: www.campbellsci.com/sp5-l 



Campbell Scientific, Inc. | 815 W 1800 N | Logan, UT 84321-1784 | (435) 227-9120 | www.campbellsci.com
AUSTRALIA | BRAZIL | CANADA | CHINA | COSTA RICA | FRANCE | GERMANY | INDIA | SOUTH AFRICA | SPAIN | THAILAND | UK | USA

© 2020 Campbell Scientific, Inc. | 06/18/2020