



CS27 Photovoltaic (PV) Soiling 20 Amp ISC Sensor



Overview

The CS27 is used with a Campbell Scientific data logger to measure up to 20 A current on two channels. The CS27 is commonly used in photovoltaic (PV) soiling applications to measure the short-circuit current (I_{SC}) of full-sized thin-film PV

modules held at short circuit. A single CS27 is used for both clean reference and dirty test modules. The CS27 ships with a certificate of NIST traceable calibration.

Benefits and Features

- Shunts comply with MIL-S61-B and A-A-55524 specification
- For use with full-sized thin-film PV modules

- NIST traceable calibration certificate

Specifications

Maximum Current	20 A
Maximum Voltage	300 V
Maximum Signal for I_{SC}	50 mV (at 20 A)
Control Voltage	Not applicable

Control Current	Not applicable
Dimensions	21.59 x 5.41 x 12.4 cm (8.5 x 2.13 x 4.88 in.)
Weight	589.67 g (1.3 lb)

For comprehensive details, visit: www.campbellsci.com/cs27



Campbell Scientific, Inc. | 815 W 1800 N | Logan, UT 84321-1784 | (435) 227-9120 | www.campbellsci.com
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