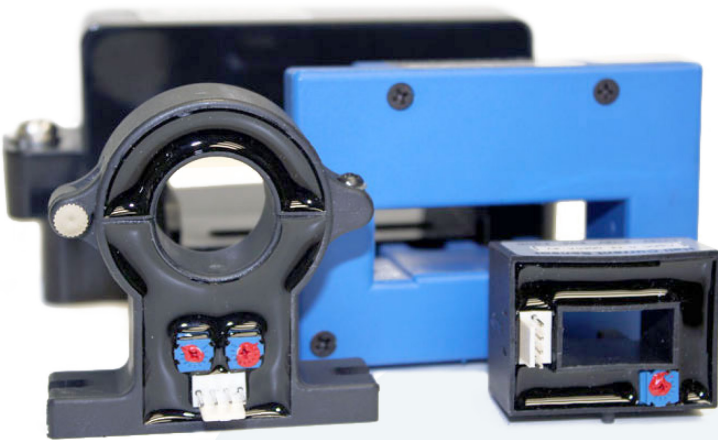


# Hall Effect DC Current Sensors



## Overview

The CSDC and SCSDC series Hall Effect DC Current Sensors are designed to operate with the PQube® 3 Power Analyzer series. Ideal for measuring DC currents for battery banks, power supplies, numerical machine tools, photovoltaic equipment, and more.

The Hall Effect DC Current Sensors can also be used to measure AC currents.

## Features

- Easy to install, open or closed loop
- Excellent accuracy and linearity
- Low voltage output
- Require external +15 Vdc and -15 Vdc unless used in conjunction with the ATT2-600 module

## Product Description

TECHNICAL SPECIFICATIONS	
Supply Voltage	+15 Vdc and -15 Vdc
Operating Temperature	-25 to 85° C (-13 to 185° F)
Storage Temperature	-40 to 100° C (-40 to 212° F)
Galvanic Isolation	3 kV for SCSDC-R series
Accuracy at 25° C (77° F)	±0.5% for closed loop ±1.0% for open loop
Linearity (0 to Rated Current)	<1% typical
Frequency Bandwidth (-3 dB)	10 kHz

## Order Information

CT TYPE	RATED CURRENT	VOLTAGE OUTPUT	OPENING	PART NUMBER
Solid-Core - Closed-Loop-Rectangular	10A	5V	0.83 in (2.1 cm)	CSDC-R-CL-0010A:5V
	50A	4V	0.81 x 0.41 in (2.05 x 1.04 cm)	CSDC-R-CL-0050A:4V
	100A	4V	0.81 x 0.41 in (2.05 x 1.04 cm)	CSDC-R-CL-0100A:4V
	200A	4V	0.81 x 0.41 in (2.05 x 1.04 cm)	CSDC-R-CL-0200A:4V
	400A	4V	2.0 x 0.51 in (5.08 x 1.30 cm)	CSDC-R-CL-0400A:4V
	600A	4V	2.0 x 0.51 in (5.08 x 1.30 cm)	CSDC-R-CL-0600A:4V
Split-Core - Open-Loop-Round	1A	5V	0.79 in (2 cm)	CSDC-O-0001A:5V
	50A	4V	0.83 in (2.11 cm)	SCSDC-O-0050A:4V
	100A	4V	0.83 in (2.11 cm)	SCSDC-O-0100A:4V
	200A	4V	0.83 in (2.11 cm)	SCSDC-O-0200A:4V
	300A	4V	0.83 in (2.11 cm)	SCSDC-O-0300A:4V
Split-Core - Open-Loop - Rectangular	600A	4V	2.5 x 0.63 in (6.35 x 1.60 cm)	SCSDC-R-0600A:4V
	1000A	4V	2.5 x 0.63 in (6.35 x 1.60 cm)	SCSDC-R-1000A:4V
	1500A	4V	2.5 x 0.63 in (6.35 x 1.60 cm)	SCSDC-R-1500A:4V

## Contact Us

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