

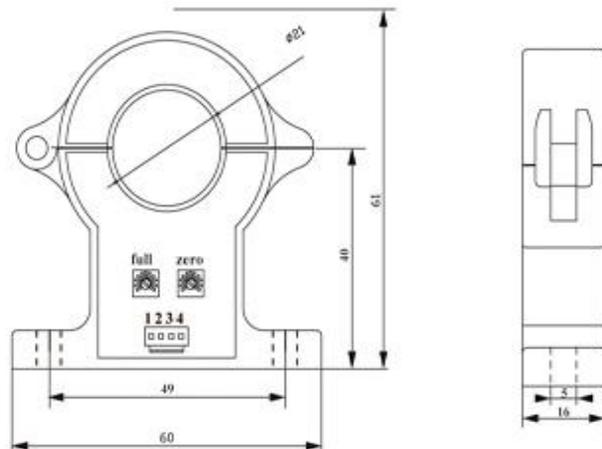
21mm ID Split Core XXXA DC CT Specifications (CT-DC-YH21-XXX-S)

This document is intended to be used with the *Packet Power Wireless DC Power Monitoring System User's Manual*. Please refer to it for important information.

Technical Specifications

CT Type:	Split core open loop Hall effect sensor
Rated Input:	See chart below, maximum current equals rated current
Technical Parameters:	Single +5V source, $2.5 \pm 2.0V$
Working Temperature:	-10° to +70° C, accuracy degrades at temperature extremes
Window Diameter:	21 mm
Accuracy:	$\pm 1\%$
Weight:	150 g
CT Harness:	3-wire black disconnect at meter, 4-pin green disconnect at CT, 1-, 2-, or 3-meter length

Model	Rated Input
CT-DC-YH21-100-S	100 A
CT-DC-YH21-200-S	200 A
CT-DC-YH21-300-S	300 A

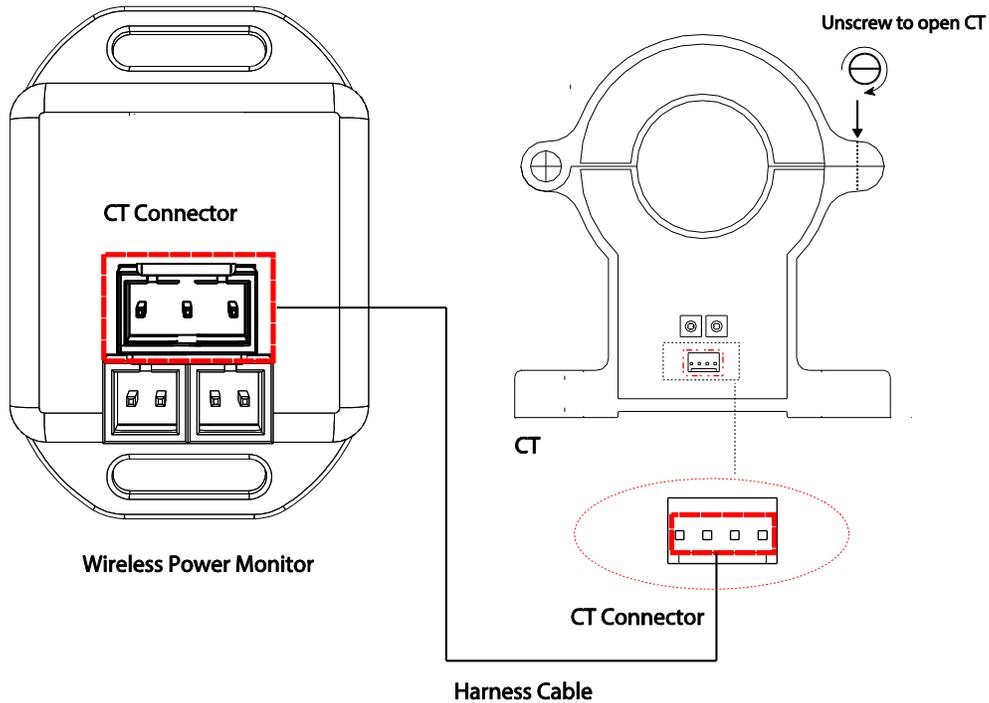


(All dimensions are in mm)

Installation Notes

The CT is intended for connection to a Packet Power Wireless Power Monitor (DC0E-XXXX).

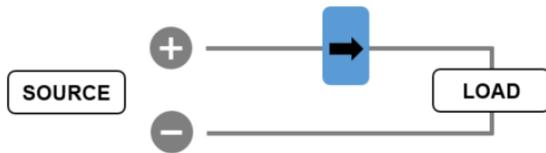
1. Attach the harness cable to the CT connector and the power monitor. Connections are polarized to ensure a proper connection.



2. Unscrew the top screw on the CT to allow the CT to hinge open and allow placement over the conductor.

3. Install the CT on the conductor with the CT arrow  pointing as directed in the illustration below.

CT INSTALLED ON POSITIVE CONDUCTOR



CT INSTALLED ON NEGATIVE CONDUCTOR



 **IMPORTANT**

WIRE COLOR: Red-colored wire may not always be positive nor black wire negative. Always validate wire color polarity at your facility.

CT ORIENTATION: Make sure the CT is oriented correctly on the conductor. Failure to do so may result in incorrect readings.

4. Close the CT on the cable and secure shut by tightening the top screw.