

Chint Power Systems America
6800 Koll Center Parkway Suite 235
Pleasanton, CA 94566

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Subject: CPS FlexOM-PP-Meter CT Selection

The CPS FlexOM-PP-Meter and FlexOM-PP-Meter-4G solutions do not include CTs since the current and accuracy requirement can vary from site to site making it necessary for specific CTs to be purchased for a wide range of 208-600Vac projects.

To ensure the correct CTs are selected for the specific project application, the following guidelines are recommended:

- The current transducer/transformers may be purchased either from Continental Control Systems, LLC or from any other 3rd party CT vendor.
- The CTs must have a 0.333Vac output, not a mA output.
- If the utility requires specific metering accuracy to meet Revenue-grade Metering and Reporting, then that should be noted and the correct accuracy for the CTs chosen.
- The CT range should be large enough for the application.
- In some cases, CTs may be paralleled where the conductors are also paralleled.
- If CTs are paralleled, please provide the CT rating and number in parallel to CPS so that the CT scale factor on the CPS FlexOM portal can be configured.

Example CT models that can be used include:



Continental Control Systems, LLC
ACTL Series



Veris Industries
H681x-V Series