

The meter sockets listed in this document are **accepted for connection** to BC Hydro supply. The meter socket models provided in the document are for reference only and includes those currently known to comply with BC Hydro's standards and requirements. Other meter sockets not listed **may be installed by the customer**, provided they meet the **Requirements for Secondary Voltage Revenue Metering (750V and less)**, and **ES54 S1 standards**.

This list is dynamic and subject to change, due to the addition or removal of meter socket models and types. Always refer to the BC Hydro website for the latest version. Failure to use a meter socket that meets BC Hydro's requirements may result in delays in customer applications and/or connection to the BC Hydro system.

Self-Contained		
Service	Manufacturer	Model
120/240V, 1 Phase, 3 Wire Service 320A	Microelectric	BP320-V-250B-OH BP320-TV-250B-UG
	Hydel	EK320RO2
120/240V, 1 Phase, 3 Wire Service, combo meter socket and breaker panel	Leviton	LS810-BRC (100A) LS820-BRC (200A)
120/240V, 1 Phase, 3 Wire Service 400A main bus, 200A/POS multi-gang meter socket	Hydel	MSC800TW-BC series Suitable up to 500 kcm Al service cables
120/240V, 1 Phase, 3 Wire Service, 400A Main bus, 200A/POS multi-gang meter socket	Hydel	JAU40RX-HI Suitable up to 500 kcm Al service cables
120/240V, 100A, 200A Combo Meter Sockets	Eaton	RCBRPM108M (100A) RCBRPM208M (200A)
Transformer-Rated		
120/240V, 1 Phase, 3 Wire Service 400A with integral CT	Microelectric	JS4B-STW JS4B-STWINL
	Hydel	CT4-WSOH-BC CT4-WS-BC with 22kA Circuit Breaker CT4-BC-INK
	Eaton	TCC5-IN-NS
120/240V, 1 Phase, 3 Wire Service 600A with integral CT	Hydel	CT6-WSOH-BC CT6-WS-BC with 65kA Circuit Breaker
120/240V, 1 Phase, 3 Wire 5A rated meter with test switch and shorting blocks	Microelectric	CT105-L
	Hydel	CTS405PW-BC
	Eaton	TSU5
240V, 480V or 600V, 3 Phase, 3 Wire Delta	Microelectric	CT108-L
	Hydel	CTS800PW-BC
	Eaton	TSU8

120/208Y V, 277/480Y V or 347/600Y V, 3 Phase, 4 Wire	Microelectric	CT113-L
	Hydel	CTS130PW
	Eaton	TSU13

Meter sockets not in the above list may still be used if they comply with the BC Hydro standards and requirements below.

No.	Type of Meter Socket	Applicable Requirements and Standards
1	Self-contained (Except Multiple Main)	Section 4 and 4.1 of the Requirements for Secondary Voltage Revenue Metering (750V and less)
		Section 6.2 of the Requirements for Secondary Voltage Revenue Metering (750V and less) for the sealing ring
		Section 6.1 of Requirements for Secondary Voltage Revenue Metering (750V and less) for underground meter sockets
		ES54 S1-01, ES54 S1-02, and ES54 S1-03 standards for the Underground Secondary Single-Phase Services and Meter Sockets
2	Self-Contained Multiple Main	Section 4, 4.1 and 4.2.8 of the Requirements for Secondary Voltage Revenue Metering (750V and less)
		Section 6.2 of Requirements for Secondary Voltage Revenue Metering (750V and less) for the sealing ring
		Section 6.1 of the Requirements for Secondary Voltage Revenue Metering (750V and less) for underground meter sockets
		Section 6.5 of Requirements for Secondary Voltage Revenue Metering (750V and less) for Multiple Main Meter Sockets
		ES54 S1 standards for the Underground Secondary Single-Phase Services and Meter Sockets
3	Meter Centres	Section 4.3 of Requirements for Secondary Voltage Revenue Metering (750V and less) for Meter Centres

No.	Type of Meter Socket	Applicable Requirements and Standards
4	Transformer-Rated	Section 4.1 of Requirements for Secondary Voltage Revenue Metering (750V and less) for General Requirements
		Section 5 and 5.7 of the Requirements for Secondary Voltage Revenue Metering (750V and less)
		Section 6.2 of the Requirements for Secondary Voltage Revenue Metering (750V and less) for the sealing ring
		Section 6.1 of Requirements for Secondary Voltage Revenue Metering (750V and less) for underground meter sockets
		ES54 S1-03 standards for the Underground Secondary Single-Phase Services and Meter Sockets

Note: Overhead service meter socket dimensions are not specified since BC Hydro does not install service conductors. For overhead meter sockets, the criteria listed in the above table-except those related to ES54-must be met.

Meter socket evaluation by BC Hydro

If manufacturers would like BC Hydro to evaluate the transformer rated, multiple main, or self-contained combo meter sockets, please contact us at metering.revenue@bchydro.com or Distribution.Standards@bchydro.com for instructions. This acceptance review will require detailed drawings to be submitted and may require a sample.

References

[Requirements for Secondary Voltage Revenue Metering - 750 V and less](#)

[ES54 S1-Secondary Single-Phase Services](#)