

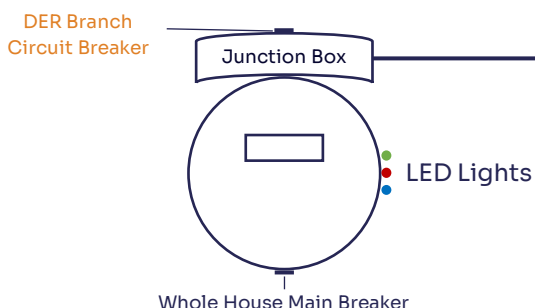


WARNING - EV Meter Socket Adapter V1.0 (EV MSA V1.0) must be installed by a licensed electrician or other qualified personnel. Unqualified persons attempting to install or service EV MSA V1.0 could result in damage, serious injury, or death. Use only with DER Branch Circuit loads/sources such as electric vehicle charger and/or listed uni- or bi-directional interactive equipment.

Note: EV MSA V1.0 has no WI-FI or other communications capability; it provides a power connection for external equipment.

SYSTEM COMPONENTS

EV METER SOCKET ADAPTER (EV MSA)



DER BRANCH CIRCUIT (i.e., EV Charger, other load, etc.)



Note: Your DER Branch Circuit may come out of either side of the junction box.

UNDERSTANDING THE LED LIGHTS



Locate LED lights on the right side of the EV MSA

EV MSA has a safety feature that suspends power to the DER Branch Circuit (i.e., your EV charger, other load, etc.) if your home consumption is high (>80% of your service panel rating). This may occur even if your DER Branch Circuit is not connected or drawing power. This feature prevents overloading your electrical service and ensures compliance with your main electrical service rating. Once your home consumption drops to an adequate level for 15 mins, power is safely restored to your DER Branch Circuit.

LED LIGHTS	STATUS
Fast blinking BLUE	Meter socket adapter is starting up (30 seconds).
Solid BLUE	Meter socket adapter powered ON.
Solid GREEN	DER Branch Circuit powered ON.
Solid RED	DER Branch Circuit temporarily powered OFF (home consumption high).
Blinking RED	DER Branch Circuit will power OFF soon (home consumption climbing).
Blinking GREEN	DER Branch Circuit will power ON soon (home consumption adequately dropping).
Slow blinking BLUE	Fault condition. Wait 5 mins, then power cycle both breakers (see next page). Note that this will briefly shut OFF power to your entire home. If issue persists after power cycle, contact your electrician or certified installer.

NEED HELP?

1. Review FAQ: www.connectder.com/ev-support
2. Contact your installer or electrician
3. Email: support@connectder.com

TROUBLESHOOTING

SEE THIS?	TRY THIS
<p>My DER Branch Circuit (i.e., EV Charger, other load, etc.) is not receiving power.</p>	<p>EV MSA will suspend power to the DER Branch Circuit if current on either leg of the home's service exceeds 80% of the main service rating for an accumulated 15 mins or 95% of the main service rating for 30 seconds.</p> <ol style="list-style-type: none"> 1) First, check the LED Lights on the right side of EV MSA. <ol style="list-style-type: none"> a) If there is a solid RED LED, it means the house is consuming considerable power, and EV MSA suspended power to the DER Branch Circuit as a safety precaution. Once the house consumption adequately drops for 15 mins, power to the DER Branch Circuit will be restored. b) If there is a solid GREEN LED, it means EV MSA is supplying power to the DER Branch Circuit. Continue to Step 2. 2) Check the DER Branch Circuit breaker on top of the junction box (see BREAKERS section below). If tripped, turn the breaker all the way OFF, then ON. If ON and DER Branch Circuit still not receiving power, continue to Step 3. 3) Check the equipment connected to your DER Branch Circuit. For example, if you have an EV charger connected, check status lights on the charger, the charger's app, or the manual for further troubleshooting steps.
<p>Power to my house went out.</p>	<ol style="list-style-type: none"> 1) Check the whole house MAIN on your main electric panel (often in the basement or outside). If tripped, turn the breaker all the way OFF, then ON again. 2) Then, check the whole house MAIN breaker on the bottom of EV MSA (see BREAKERS section below). If tripped, turn the breaker all the way OFF, then ON again.

CIRCUIT BREAKERS

A circuit breaker is an electrical device designed to protect an electrical circuit from damage caused by overcurrent, overload, or short circuits. EV MSA V1.0 has two circuit breakers:



DER BRANCH CIRCUIT BREAKER

The **DER Branch Circuit** breaker is on the top of the junction box. If you suspect that it may have tripped, open the circuit breaker cover, turn the breaker all the way OFF, and then ON again.



WHOLE HOUSE MAIN BREAKER

The whole house main breaker is on the bottom of the MSA. If you suspect that it may have tripped, open the circuit breaker cover, turn the breaker all the way OFF, and then ON again. Note that this will briefly shut OFF power to your entire home.



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



WARNING: This product can expose you to chemicals including acrylonitrile, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

NEED HELP?

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2. **Contact your** installer or electrician
3. **Email:** support@connectder.com