

Specifications & Qualified Product List

SMUD Charge@Home – Circuit Sharing or Energy Management Device up to \$200 rebate

SMUD does not endorse the companies or devices listed in this document. The circuit sharing devices listed below meet the eligibility requirements for the SMUD Charge@Home program. Product stock is based on each respective company and is not guaranteed by SMUD. As we learn about new products that meet our specifications, they will be added to this list. We encourage any manufacturer to notify SMUD if they have a model that should be added to this list at evincentives@smud.org.

A circuit sharing device allows two appliances, such as an electric clothes dryer and an EV charger, to share the same circuit. This can help avoid the need for costly and time-consuming circuit panel upgrades.

An energy management device can help avoid the need for a panel upgrade by monitoring total power going into the panel and turning off the power to an EV charger when the power nears the threshold of panel capacity, then returning power to the EV charger when total power to the panel falls beneath the threshold. See links and consult a licensed electrician for more details.

Circuit Sharing and Energy Management Devices

The circuit sharing and energy management devices must meet these requirements:

- Equipment must be new and installed for the first time, either hardwired or plug-in unit, at the corresponding eligible SMUD service address.
- Utilize an NEMA compliant charging connector if a plug-in unit.
- Max output should not exceed specifications for existing circuit and EV charger end use.
- Safety certifications: UL or equivalent certified by Nationally Recognized Testing Laboratory (NRTL).
- Warranty: Minimum 2-year.

SMUD offers an up to \$200 rebate on the purchase of each of these Circuit Sharing and Energy Management Devices

Brand	Model	Warranty	Certification	Notes	Website link
NeoCharge	Smart Splitter	2 years	UL Certificate of Compliance E507438	Indoor use only. Plug in.	Link
simpleSwitch	50-amp Simpleswitch Energy Management Device	Lifetime for homeowner, 5 year for non-homeowners	UL Certificate of Compliance E510161 US/CAN LISTED	Indoor or outdoor use, Hardwired.	Link
Lectron	Socket Splitter	2 years	ETL certified	Indoor use only. Plug in.	Link

SMUD offers an up to \$250 rebate on purchase, and/or up to \$500 for electric circuit installation, of the following SolarEdge EV charger when it is integrated with a SolarEdge solar and/or battery backup system. It must be installed by a licensed contractor and all of the requirements and documentation in the SMUD Charge@Home [application](#) and [Terms & conditions](#) for an EV charger electric circuit installation must be followed and submitted with the application.

Note that the SMUD Charge@Home rebate requires EV charger to be installed set to 32 amps maximum output and installed on a maximum 40 amp circuit breaker, and the installer’s invoice must reflect this. Only the EV charger is eligible for the rebate, not the solar or battery backup system. This EV charger is not eligible for the rebate without integration with a SolarEdge solar or battery backup system.

Brand	Models	Warranty	Certification	Notes	Website Link
SolarEdge	<ul style="list-style-type: none"> • SE-EV-SA-KIT-LJ40N • SE-EV-SA-KIT-LJ40P 	5 years	<ul style="list-style-type: none"> • UL2594 • UL2231-1 • UL2231-2 • NEC Article 625 • CSA C22.2#280 	<ul style="list-style-type: none"> • Indoor/outdoor • Plug into wall receptacle or hardwired 	Link to SolarEdge Home Link to EV Charger tech sheet