

Massachusetts Appliance Efficiency Standards

Electric Vehicle Supply Equipment Fact Sheet



Summary

[An Act Creating a Next-Generation Roadmap for Massachusetts Climate Policy](#) was signed into law on March 26, 2021. This policy created Appliance Energy and Water Efficiency Standards that regulate the minimum efficiency for 18 product categories. The Massachusetts Department of Energy Resources (DOER) is responsible for all aspects of these standards except for enforcement which is managed by the Massachusetts Office of the Attorney General.

Regulated products sold in Massachusetts are required to meet the specified performance, testing, marking, and certification requirements detailed below. Products that do not meet the minimum energy and water efficiency requirements cannot be shipped to, sold or installed in Massachusetts after **January 1, 2023**. Products sold or installed prior to **January 1, 2023** may be sold at resale. The requirements for electric vehicle supply equipment (EVSE) are described in this document.

Manufacturers or brand owners of EVSE will need to certify their products to the [Northeast Energy Efficiency Partnerships' State Appliance Standards Database \(SASD\)](#) in order to be eligible for sale in the state. Beginning January 1, 2023, products can only be sold and installed in Massachusetts if they are certified by the manufacturer as compliant with [225 CMR 9.00](#).

Standard Requirements

In order to be sold or installed in Massachusetts after January 1, 2023, EVSE must meet the performance, testing, labeling, and certification requirements. Standards exist for both Level 1 and Level 2 EVSE.

EVSE is defined as an electric component assembly or cluster of component assemblies designed specifically to charge batteries within electric vehicles by permitting the transfer of electric energy to a battery or other storage device in an electric vehicle. Regulated Level 1 and Level 2 EVSE must meet the qualification criteria and testing requirements of the [ENERGY STAR Program Requirements Product Specification for Electric Vehicle Supply Equipment, Version 1.0 \(Rev. Apr-2017\)](#).

DOER is aware of the limitations of Energy Star v 1.0 and is working with the state legislature to update the Massachusetts statute. Information on the limitations of Energy Star v 1.0 should be shared with the legislature to assist with the revisions. New fact sheets will be circulated if the standard changes in the future.

How to Comply

Manufacturers

Before shipping EVSE into Massachusetts, manufacturer's and brand owners must:

1. Ensure their products meet the performance requirements referenced in the previous section.
2. Test the products in accordance with the required test procedure.
3. Mark, label, or tag the product and packaging with the manufacturer's name and brand name. This label must be on both the product and its packaging at the time of sale or installation.
4. Certify the products to the [SASD](#).

SASD Certification Instructions

1. Create an account on the SASD using [these instructions](#).
2. Once your account is approved, confirm the brands associated with your company (there may be products already waiting for your approval as the SASD pulls in product data from ENERGY STAR).
3. If there are additional products you'd like to certify, reach out to the SASD administrators at SASD@energy-solution.com as they may be able to support adding new products or relabeling existing products in the case of a white-labeling arrangement.
4. Upload product data using the template provided on the Product Import page.
5. Receive notification that product data has been approved or denied.
6. For more information, review the [Resources > Compliance FAQ](#).

Sellers and Installers

Retailers, distributors, and installers must verify that regulated products are certified to the SASD before selling or installing the product.

SASD Verification Process

1. Visit the [SASD](#) and either:
 - a. Use the filters to select the product category and state (MA) for which you are verifying for compliance.
 - b. Type in the model number or brand name using the Search bar and narrow your search to the state (MA) to search for compliance status for each entry.
2. If you cannot find the product you're looking for, download the search results for a single product category (EVSE) and state (MA) and an Export Products button will appear which allows you to download product information into Excel. Use the Excel search function 'Find' to search for the model number you are verifying.

3. If you still cannot find the product you're looking for, reach out to the manufacturer to inform them of the SASD and ask them to submit product data. If a manufacturer submits product data and it does not meet the standards, it cannot legally be sold. For additional guidance, reach out to the Massachusetts DOER at madoer.appliance.standards@energy-solution.com.

Frequently Asked Questions

Who is responsible for ensuring compliance?

The entire supply chain has responsibilities within the compliance process. This includes manufacturers, distributors, dealers, retailers, installers, contractors, and leasing companies.

Are there fees associated with certifying product data to the SASD?

No, there are no fees associated with certifying product data to the SASD. For details on how to certify product data to the SASD, please refer to [these instructions](#).

Are DC fast chargers in scope and do they need to be listed in the SASD?

Standards were only adopted for Level 1 and Level 2 chargers. Only Level 1 and Level 2 chargers need to be listed on the SASD.

How do I check which products are eligible for sale in Massachusetts?

All compliant products are on the SASD, www.appliancestandards.org. You can filter the list by Electric Vehicle Supply Equipment and by MA. An Excel download will appear once you narrow your product search to a single product.

How can I add products to the SASD?

If your products comply with the Massachusetts appliance efficiency standards you can follow the steps in the "How to Comply" section on this document to get your products listed.

What does it mean for an EVSE to be listed as "ENERGY STAR Qualified" in the SASD?

For EVSE, the term "ENERGY STAR Qualified" is referring to ENERGY STAR V1.0 as MA's standard is based on V1.0 compliance. Not all products that comply with V1.2 would also comply with V1.0. This will be updated if the Massachusetts standard changes in the future.

I white label an EVSE that is listed on ENERGY STAR—can I be included in the SASD?

Brands that white label products that comply with the Massachusetts standard can be listed on the SASD. Please reach out to the SASD administrator at SASD@energy-solution.com; they are likely to ask you for verification of white label status from the original equipment manufacturer (OEM), but with that documented permission, you should be able to list your brand in the SASD.

I am a third party working with a specific brand of EVSE—can I get that brand listed on the SASD?

Yes, third party certifiers are able to list products on behalf OEMs in the SASD with the proper documentation of permission. Please reach out to the SASD administrator at SASD@energy-solution.com; they are likely to ask you for verification from the OEM that you have permission to list on their behalf, but with that documented permission, you should be able to list the products in the SASD.

Is the SASD affiliated with any rebate programs?

The SASD is not directly affiliated with any rebate products, so it cannot provide perspective on rebate program eligibility. However, being listed on the SASD is often referenced as a requirement for rebate programs. For questions on rebate program eligibility, reach out directly to the email accounts provided by the state/utility programs that you're hoping to be listed on.

Resources

The following links provide additional information on the Massachusetts Appliance Energy and Water Efficiency Standards for EVSE.

- [DOER Guideline](#): Provides additional detail about how the standards will be implemented, including the requirements for all regulated in-scope product types and how DOER will enforce those requirements.
- [DOER Manufacturer Compliance Instructions](#): Contains guidance on the appliance standard compliance process, including product testing, marking, and certification.
- [DOER Sellers and Installers Compliance Instructions](#): Contains guidance on the appliance standard compliance process, including product verification.
- [DOER Enforcement](#): Contains more information about what these parties can and cannot do under the regulation and how to report a potential violation.
- [Energy Star Version 1.0 EVSE Program Requirements \(Revised April 2017\)](#): Provides detail on the ENERGY STAR program requirements for EVSE, which must be met to comply with the Massachusetts appliance and equipment efficiency regulations.
- For questions on the Massachusetts Appliance Efficiency Standards or the compliance process, contact madoer.appliance.standards@energy-solution.com.
- For questions on the SASD, contact SASD@energy-solution.com.