California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512
www.energy.ca.gov

APPLIANCE & COMPANY SEARCH DATABASE INSTRUCTIONS

(Instructions last updated 07/15)

In California, manufacturers of federally and State-regulated appliances are required to certify their appliance efficiency data and other information to the California Energy Commission (Energy Commission).

The Appliance Search feature of the Appliance Efficiency Database contains publicly-accessible lists of appliances that have been certified to the Energy Commission such as energy performance and efficiency data and information regarding product features and design.

The Company Search of the Appliance Efficiency Database will list all 3rd Party Certifiers and Test Laboratories that have been approved by the Energy Commission. The database will provide the public with information about approved 3rd Party Certifiers and Test Laboratories such as their contact information and test methods available by appliance type for approved Test Laboratories.

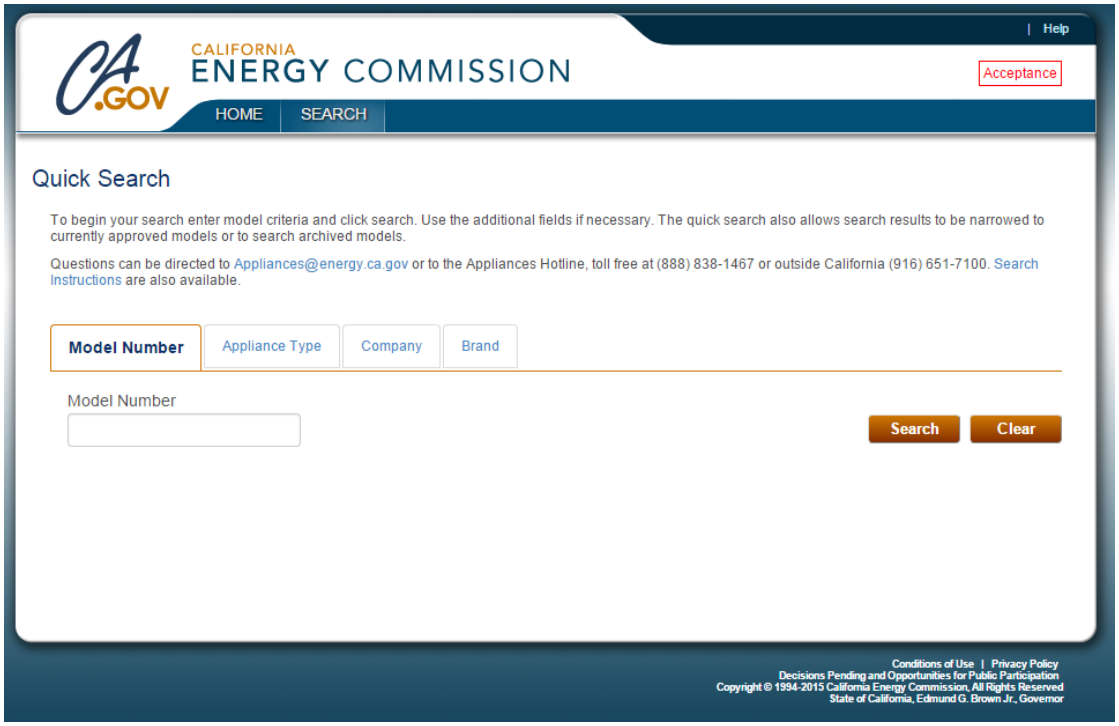
The general instructions below will help manufacturers, retailers and the public navigate both the Appliance Search and the Company Search features of the Appliance Efficiency Database. For clarification on any information contained in these instructions, please contact the Energy Commission's Appliance Efficiency Program via e-mail at: appliances@energy.ca.gov

The search databases can be accessed at the following link:

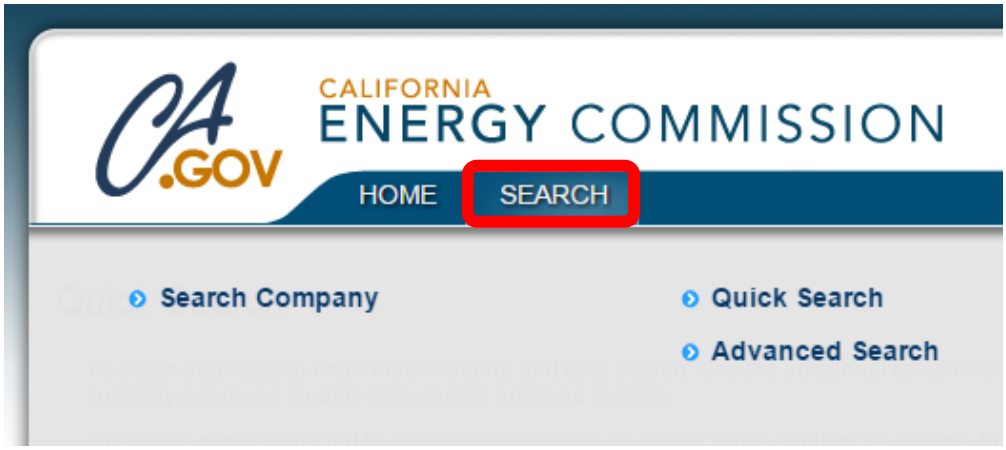
https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx

UPDATE: QR Code is currently disabled.

The default homepage for the search databases is shown below:



To navigate between all three search databases hover over the search tab and select the search database of your choice.



Appliance Search Database

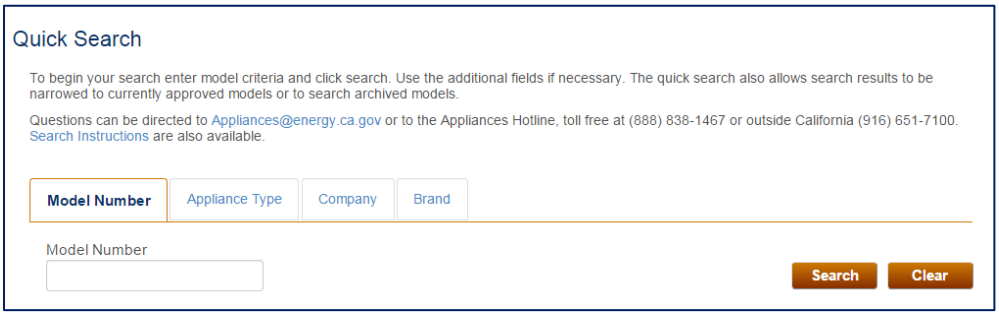
A. Quick Search

The homepage for the quick search database (QSD) is shown below:

With the QSD you are able to search for an appliance type using five (4) different categories:

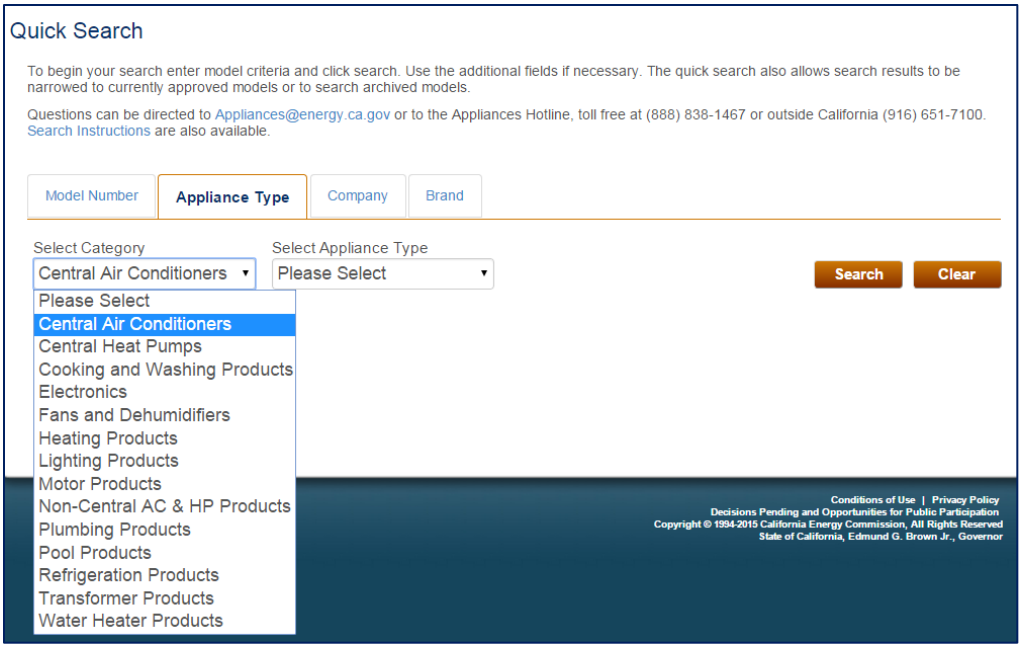
1. Model Number

   To search using the model number, type in the full name or a variation of the model number in the field box.



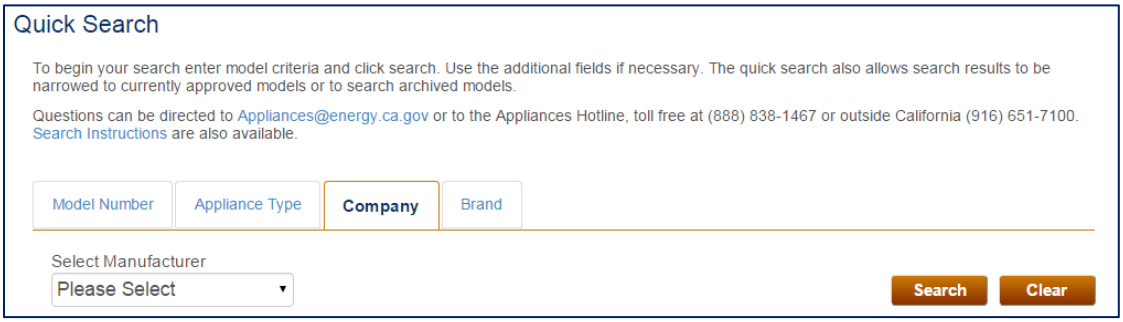
2. Appliance Type

   To search by appliance type, first select from the fourteen (14) categories to select the specific appliance type in that category from the dropdown menus.



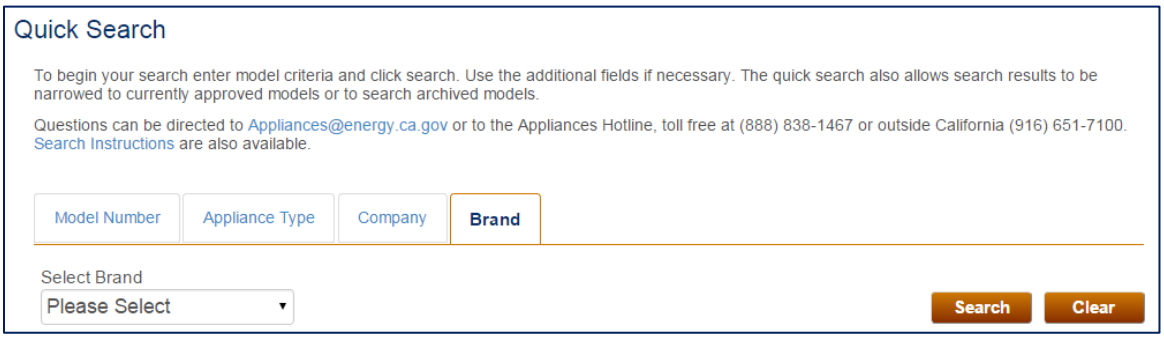
3. Company (Manufacturer)

   To search by the manufacturer of the appliance, select the manufacturer from the dropdown menu.



4. Brand

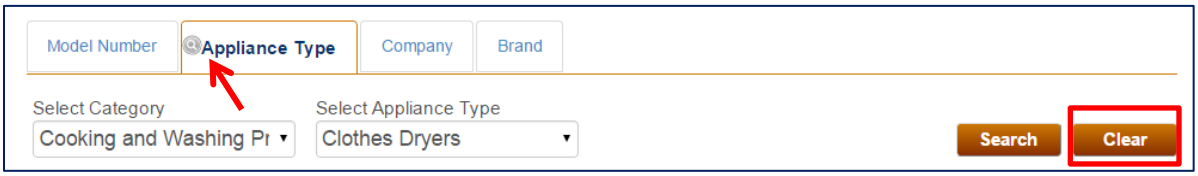
   To search by brand of the appliance, select the brand from the dropdown menu.



How to Use the Quick Search Database

To begin searching for an appliance, you can begin using any of the search tabs and use the remaining search tabs to narrow down your search.

When you have used a search tab, the symbol will appear in the tab, indicating it has been used or that a filter is being applied (an example is shown below). To clear the filters or to start a new appliance search click the **Clear** button.

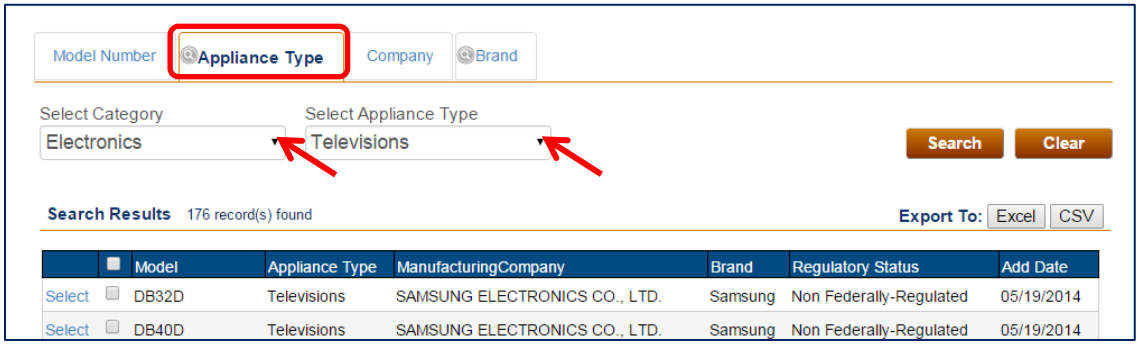


The following section will cover an example on how to use the Quick Search Database.

Example: Searching for a 32 inch television by Samsung

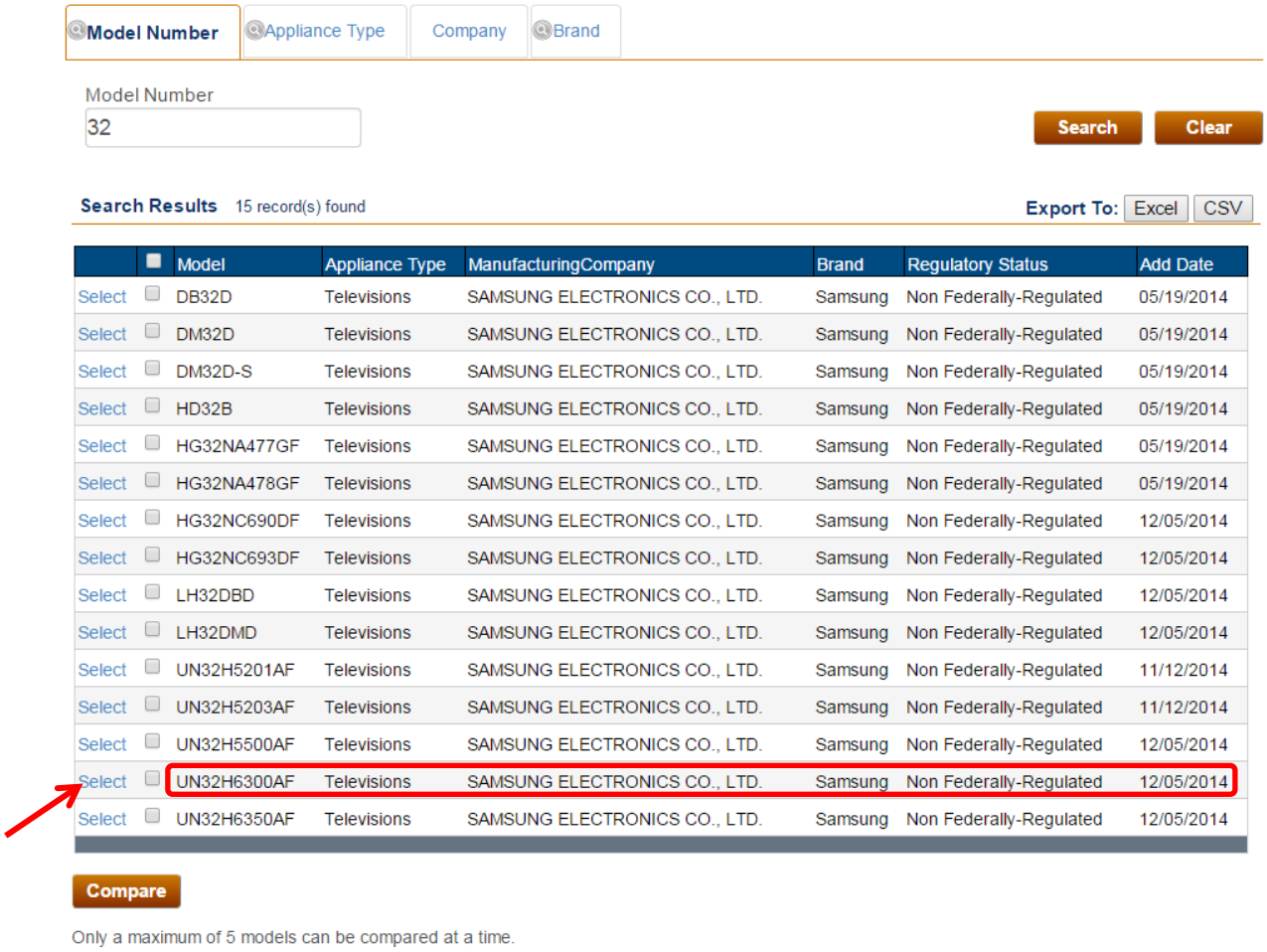
1. You can begin your search by selecting the brand. From the dropdown menu, select *Samsung*. Note the search symbol is marked in the brand tab indicating it has been used.

2. To narrow your search results further, use the appliance type search tab. Select *Electronics* from the category dropdown menu and then *Televisions* from the appliance type dropdown menu.

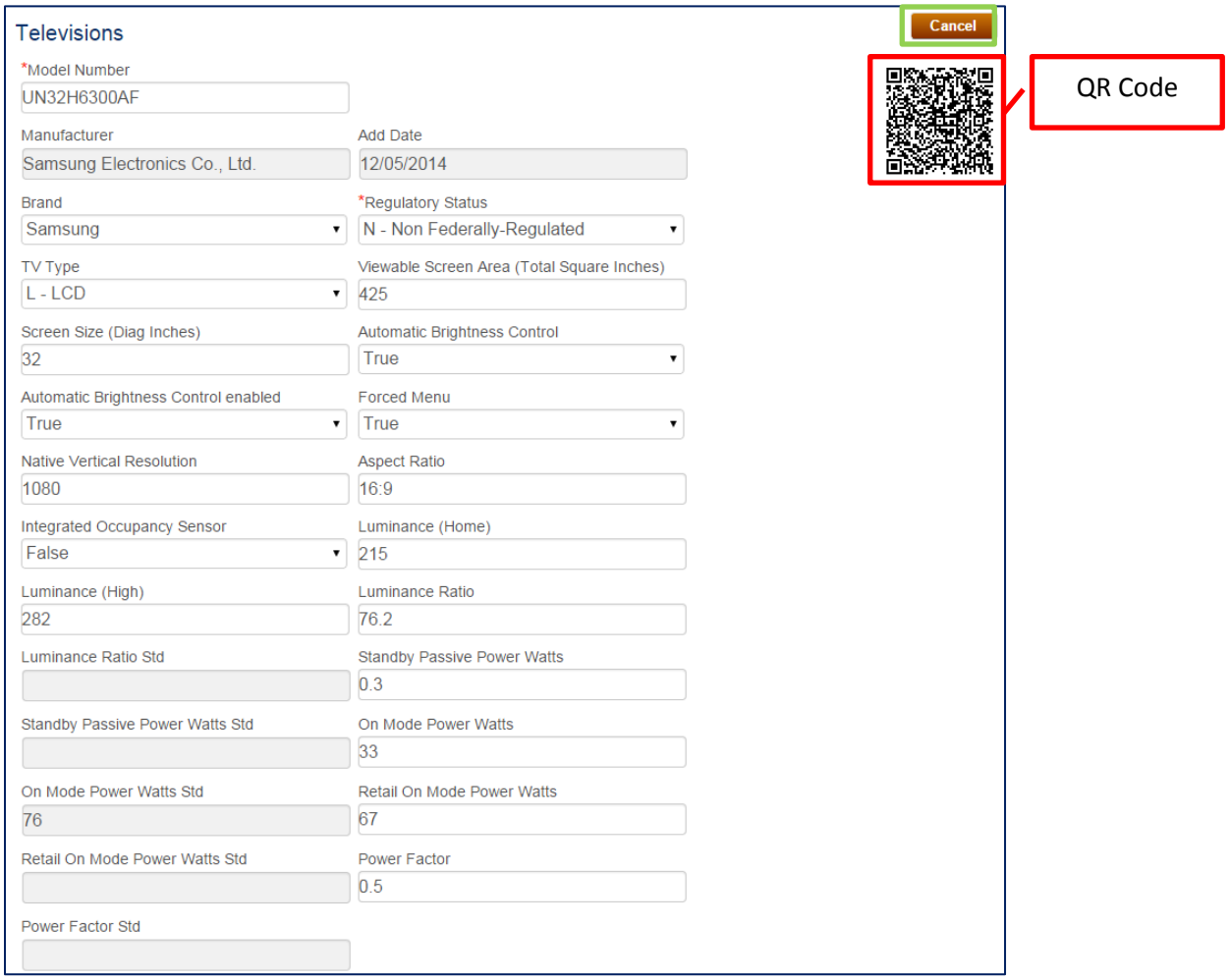


2. To narrow your search results even further, use the model number search tab. Type in the full name or a variation of the model number such as “32”.

After narrowing down your search, click the “**Select**” link next to any of the models in your search results to view the appliance efficiency information.



To view an example of the model information, we selected model UN32H6300AF as an example, shown below. Also, on the same page you have access to a QR code, so that you can view the same information on a mobile device. The information available will be different based on the specific appliance type. To return to the results page, click the '**Cancel'** button.



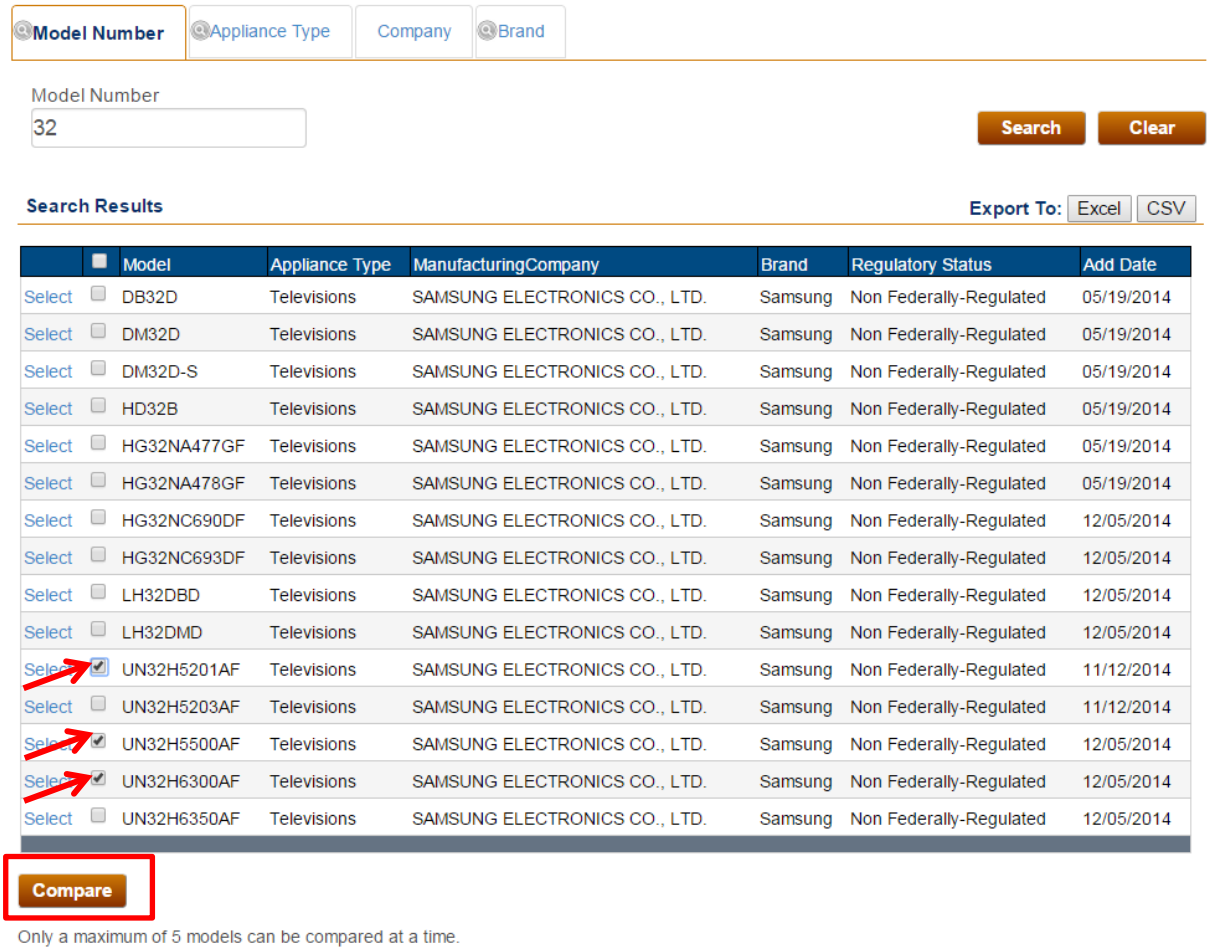
When you return to the results page, note that you can export the results and compare results.

To export your results (shown below), click the:

1. "**Excel**" button to export your results in the format of a Microsoft Excel file (.xlsx), or
2. "**CSV**" button to export your results in a Comma Separated Values file (.csv). CSV files store the data in plain text and separate the fields by a comma to be used in any spreadsheet program such Microsoft Excel, Google Spreadsheets, Open Office Calc, or other software programs that can interpret tabular data.

When you are done searching or want to begin a new search, click the '**Clear'** button.

In the results page, you can also compare up to 5 different models from your results. Select the models you wish to compare by checking the gray box next to each model and click the '**Compare'** button (shown below).



After clicking the '**Compare'** button, you will be directed the Compare Appliances page (shown below). On this page you will be able to view the detailed model information side-by-side of the models you selected. To return to the results page click the '**Cancel'** button.

Compare Appliances - Televisions

Cancel

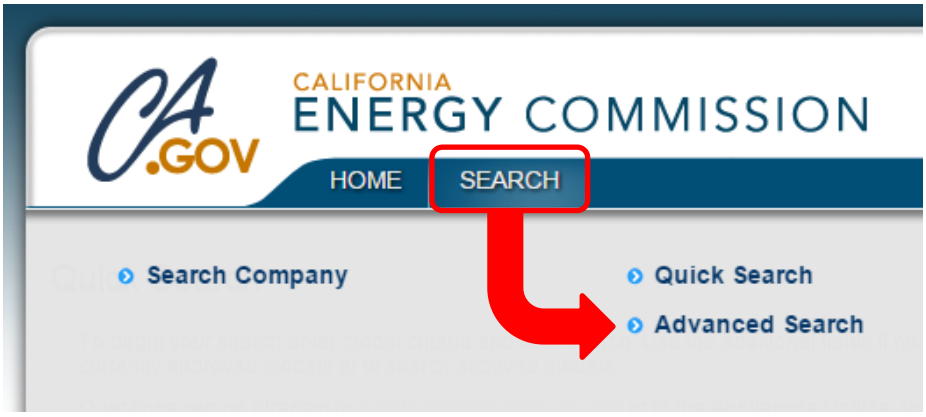
Below are the appliances you have selected to compare. Click the cancel button to return to the search results

Model Number	UN32H5201AF	UN32H5500AF	UN32H6300AF
Manufacturer	SAMSUNG ELECTRONICS CO., LTD.	SAMSUNG ELECTRONICS CO., LTD.	SAMSUNG ELECTRONICS CO., LTD.
Brand	Samsung	Samsung	Samsung
TV Type	LCD	LCD	LCD
Viewable Screen Area (Total Square Inches)	425	425	425
Screen Size (Diag Inches)	32	32	32
Automatic Brightness Control	True	True	True
Automatic Brightness Control enabled	True	True	True
Forced Menu	True	True	True
Native Vertical Resolution	1080	1080	1080
Aspect Ratio	16:9	16:9	16:9
Integrated Occupancy Sensor	False	False	False
Luminance (Home)	193	244	215
Luminance (High)	250	340	282
Luminance Ratio	77.2	71.8	76.2
Luminance Ratio Std			
Standby Passive Power Watts	0.3	0.3	0.3
Standby Passive Power Watts Std			
On Mode Power Watts	28	27	33
On Mode Power Watts Std	76	76	76
Retail On Mode Power Watts	56	61	67
Retail On Mode Power Watts Std			
Power Factor	0.5	0.6	0.5
Power Factor Std			
Regulatory Status	Non Federally-Regulated	Non Federally-Regulated	Non Federally-Regulated
Add Date	11/12/2014	12/5/2014	12/5/2014

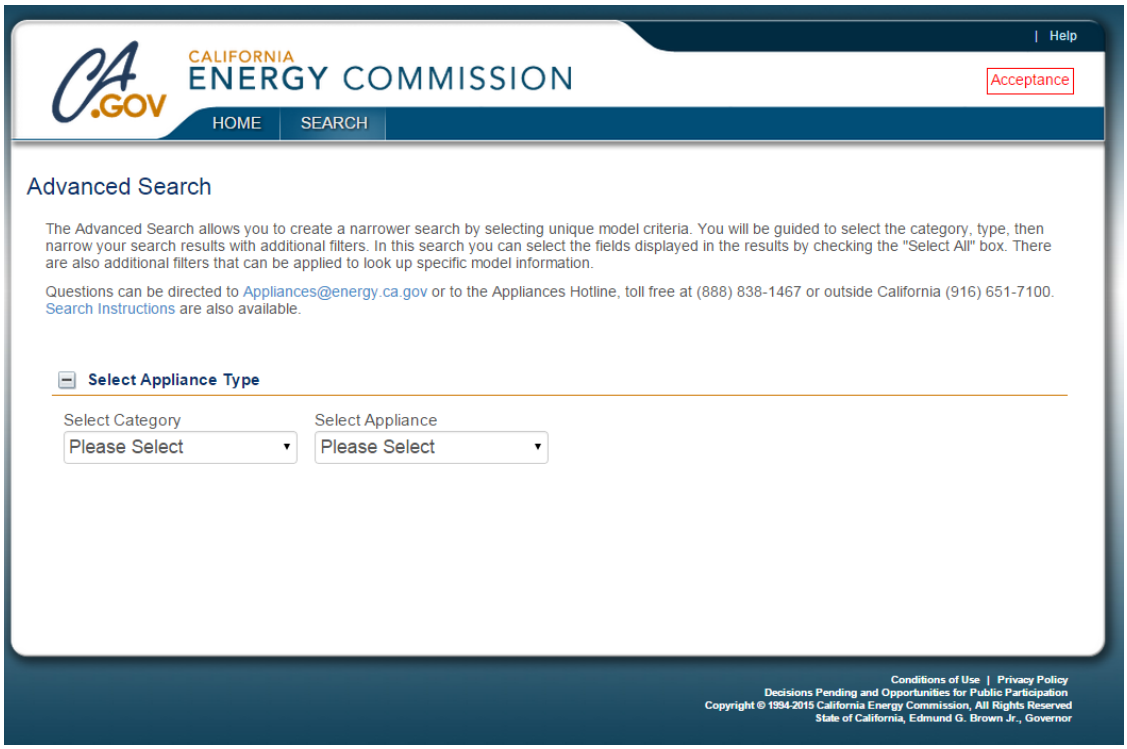
B. Advanced Search

The Advanced Search Database (ASD) allows you to create a narrower search by selecting unique model criteria. First you will arrive to the Quick Search Database as show below:

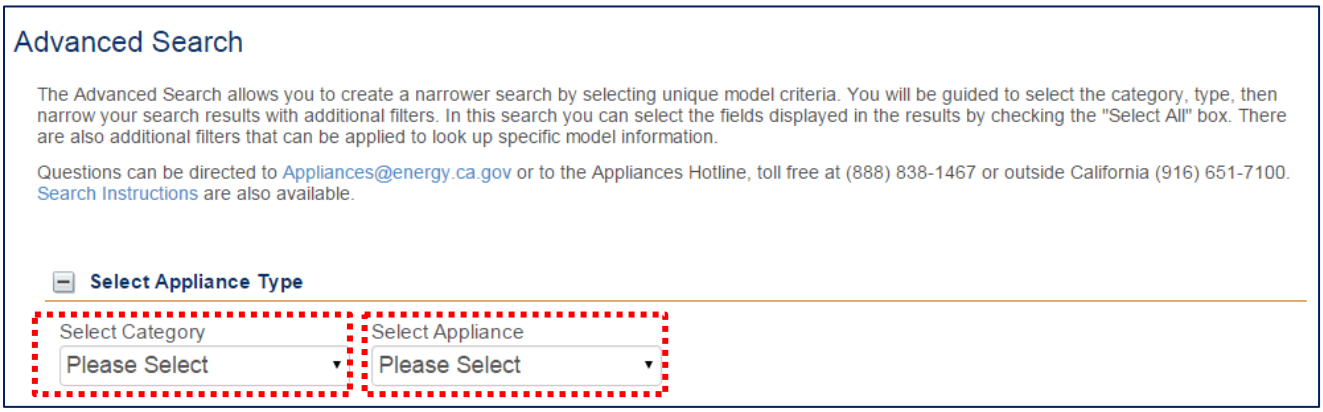
To access the ASD hover over the search tab and click the "**Advanced Search**" link.



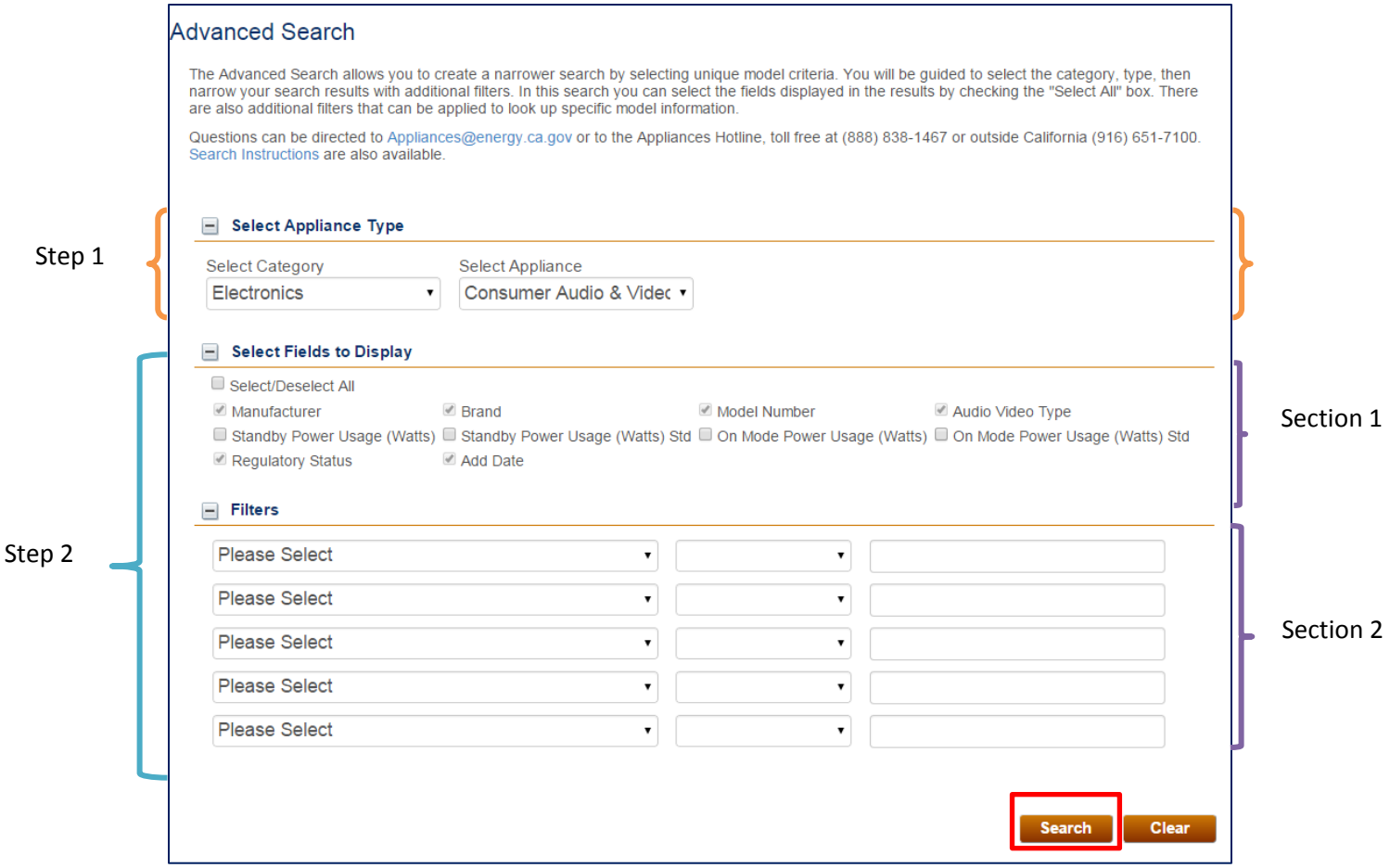
After click the "**Advanced Search**" link, you will be redirected to the Advanced Search homepage.



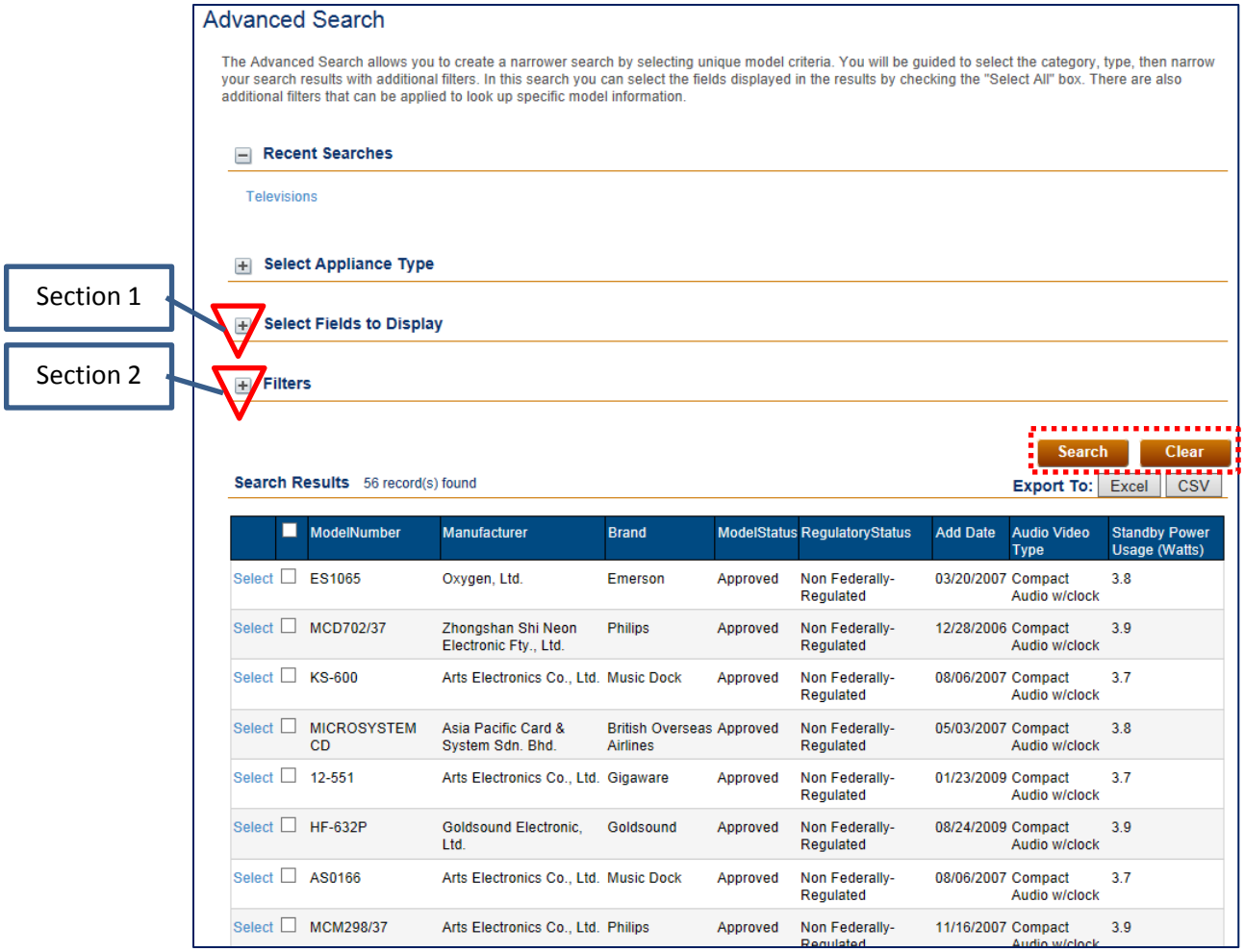
Step 1. To begin your search, select the category of the appliance and then the appliance type.



Since the model criteria is unique to the appliance type, additional sections will appear to narrow the search to your preference after selecting the appliance type.



Step 2. Sections 1 and 2 will appear after selecting the appliance type (step 1). Section 1 lets you choose the model criteria or fields that will appear in the results. The fields that are checked and shaded will appear automatically. Section 2 allows you to filter the model criteria selected in Section 1. After completing steps 1 and 2, click the "**Search**" button to view the results as shown below.



To modify or to make any changes to your results:

1. Expand sections 1 and 2 and make any changes (follow **Step 2**) and click the "**Search**" button, or
2. You can start over by clicking the "**Clear**" button (follow **Step 1** and **2**).

To view all the information available for a specific model, click the "**Select**" link next to the specific model (shown below)

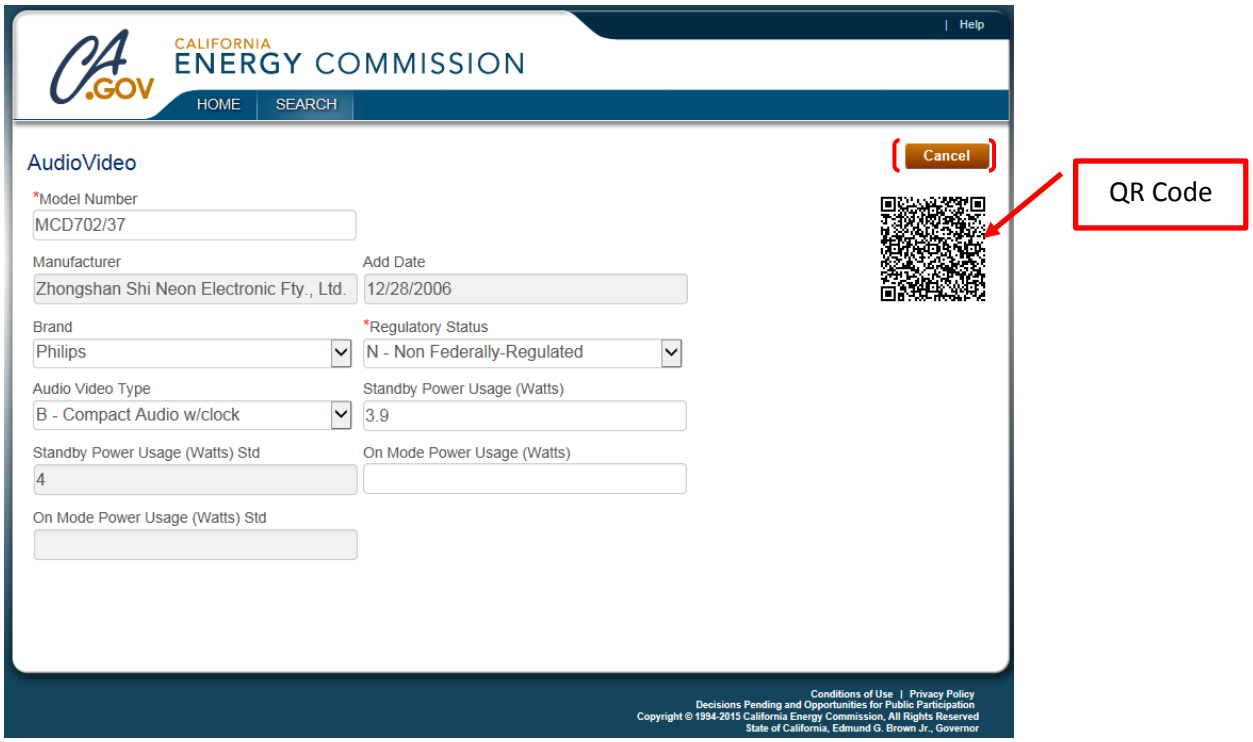
Search Clear

Search Results 56 record(s) found

Export To: Excel CSV

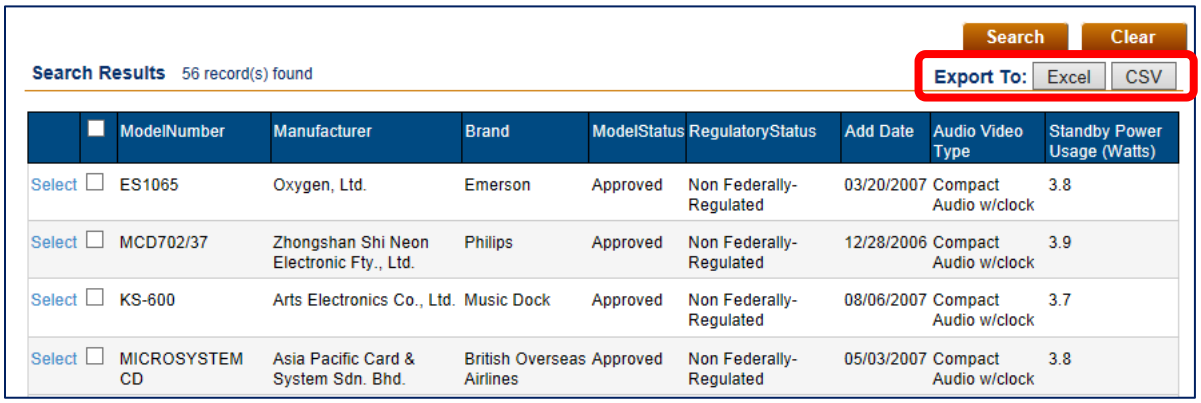
		ModelNumber	Manufacturer	Brand	ModelStatus	RegulatoryStatus	Add Date	Audio Video Type	Standby Power Usage (Watts)
Select	☐	ES1065	Oxygen, Ltd.	Emerson	Approved	Non Federally-Regulated	03/20/2007	Compact Audio w/clock	3.8
Select	☐	MCD702/37	Zhongshan Shi Neon Electronic Fty., Ltd.	Philips	Approved	Non Federally-Regulated	12/28/2006	Compact Audio w/clock	3.9
Select	☐	KS-600	Arts Electronics Co., Ltd.	Music Dock	Approved	Non Federally-Regulated	08/06/2007	Compact Audio w/clock	3.7
Select	☐	MICROSYSTEM CD	Asia Pacific Card & System Sdn. Bhd.	British Overseas Airlines	Approved	Non Federally-Regulated	05/03/2007	Compact Audio w/clock	3.8
Select	☐	12-551	Arts Electronics Co., Ltd.	Gigaware	Approved	Non Federally-Regulated	01/23/2009	Compact Audio w/clock	3.7
Select	☐	HF-632P	Goldsound Electronic, Ltd.	Goldsound	Approved	Non Federally-Regulated	08/24/2009	Compact Audio w/clock	3.9
Select	☐	AS0166	Arts Electronics Co., Ltd.	Music Dock	Approved	Non Federally-Regulated	08/06/2007	Compact Audio w/clock	3.7
Select	☐	MCM298/37	Arts Electronics Co., Ltd.	Philips	Approved	Non Federally-Regulated	11/16/2007	Compact Audio w/clock	3.9

After clicking the "**Select**" link, you will be redirected to a page displaying all the appliance information available for that specific model (shown below). Also, available to you is a unique QR code (Quick Response barcode) containing the appliance information displayed. With a QR scanner you are able to view the appliance information on a mobile device. To return to the results, click the "**Cancel**" button.



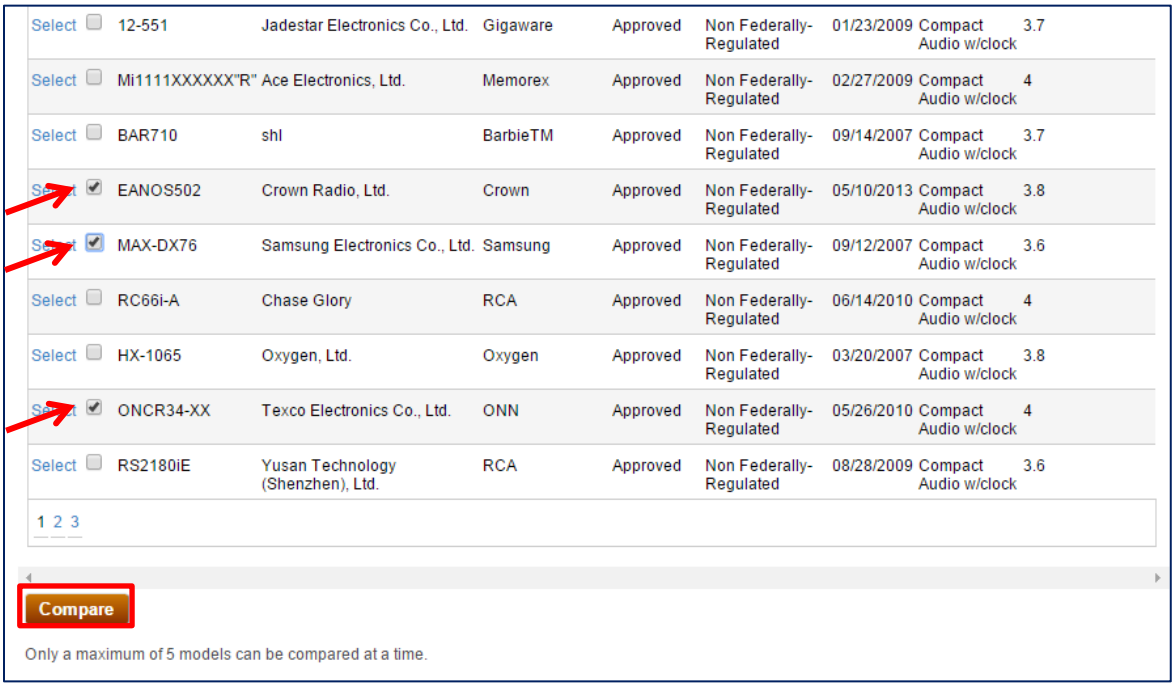
To export your results (shown below), click the:

3. "**Excel**" button to export your results in the format of a Microsoft Excel file (.xlsx), or
4. "**CSV**" button to export your results in a Comma Separated Values file (.csv). CSV files store the data in plain text and separate the fields by a comma to be used in any spreadsheet program such Microsoft Excel, Google Spreadsheets, Open Office Calc, or other software programs that can interpret tabular data.



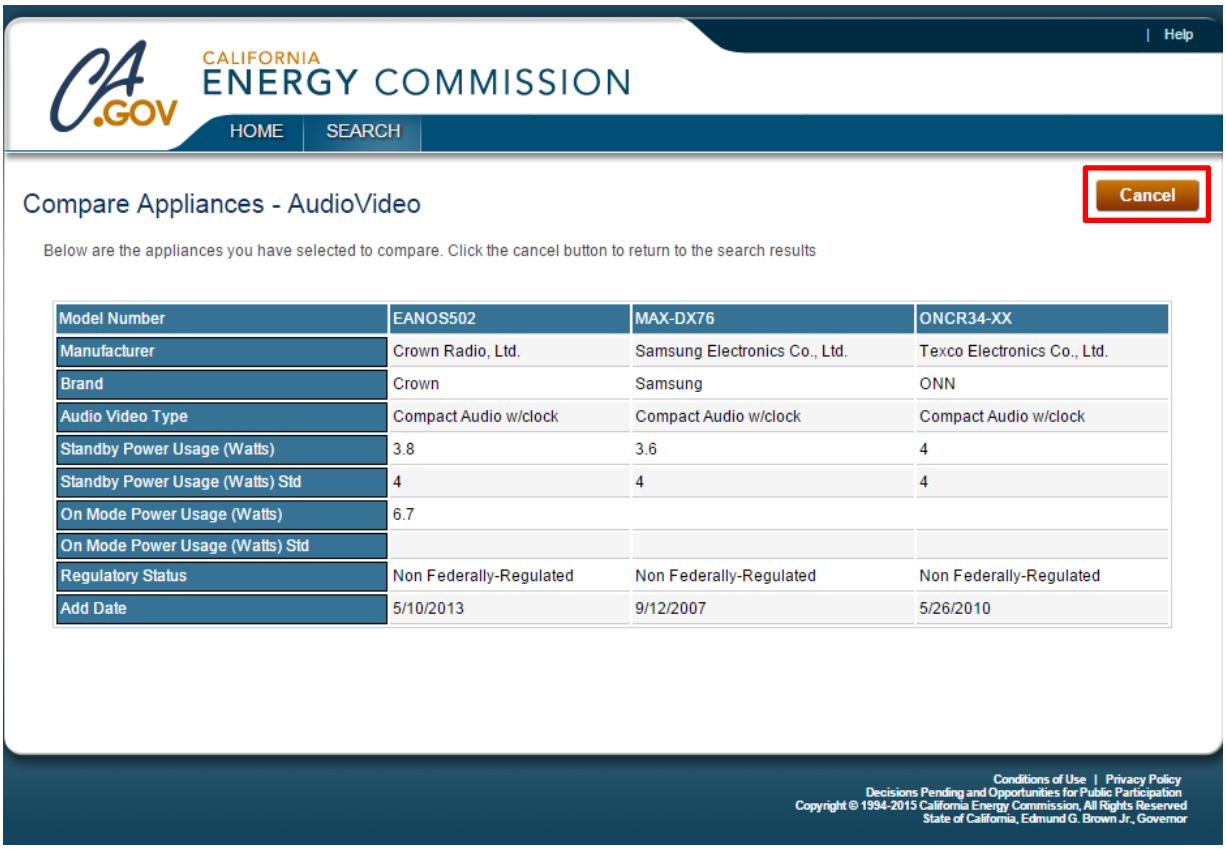
		ModelNumber	Manufacturer	Brand	ModelStatus	RegulatoryStatus	Add Date	Audio Video Type	Standby Power Usage (Watts)
Select	☐	ES1065	Oxygen, Ltd.	Emerson	Approved	Non Federally-Regulated	03/20/2007	Compact Audio w/clock	3.8
Select	☐	MCD702/37	Zhongshan Shi Neon Electronic Fty., Ltd.	Philips	Approved	Non Federally-Regulated	12/28/2006	Compact Audio w/clock	3.9
Select	☐	KS-600	Arts Electronics Co., Ltd.	Music Dock	Approved	Non Federally-Regulated	08/06/2007	Compact Audio w/clock	3.7
Select	☐	MICROSYSTEM CD	Asia Pacific Card & System Sdn. Bhd.	British Overseas Airlines	Approved	Non Federally-Regulated	05/03/2007	Compact Audio w/clock	3.8

In the results page, you can also compare up to 5 different models from your results. Select the models you wish to compare by checking the gray box next to each model and click the '**Compare'** button located in the bottom left (shown below).



Select	☐	12-551	Jadestar Electronics Co., Ltd.	Gigaware	Approved	Non Federally-Regulated	01/23/2009	Compact Audio w/clock	3.7
Select	☐	Mi1111XXXXXX"R"	Ace Electronics, Ltd.	Memorex	Approved	Non Federally-Regulated	02/27/2009	Compact Audio w/clock	4
Select	☐	BAR710	shl	BarbieTM	Approved	Non Federally-Regulated	09/14/2007	Compact Audio w/clock	3.7
Select	☑	EANOS502	Crown Radio, Ltd.	Crown	Approved	Non Federally-Regulated	05/10/2013	Compact Audio w/clock	3.8
Select	☑	MAX-DX76	Samsung Electronics Co., Ltd.	Samsung	Approved	Non Federally-Regulated	09/12/2007	Compact Audio w/clock	3.6
Select	☐	RC66i-A	Chase Glory	RCA	Approved	Non Federally-Regulated	06/14/2010	Compact Audio w/clock	4
Select	☐	HX-1065	Oxygen, Ltd.	Oxygen	Approved	Non Federally-Regulated	03/20/2007	Compact Audio w/clock	3.8
Select	☑	ONCR34-XX	Texco Electronics Co., Ltd.	ONN	Approved	Non Federally-Regulated	05/26/2010	Compact Audio w/clock	4
Select	☐	RS2180iE	Yusan Technology (Shenzhen), Ltd.	RCA	Approved	Non Federally-Regulated	08/28/2009	Compact Audio w/clock	3.6

After clicking the '**Compare'** button, you will be directed the Compare Appliances page (shown below). On this page you will be able to view the detailed model information side-by-side of the models you selected. To return to the results page click the '**Cancel'** button.



| Help

CALIFORNIA ENERGY COMMISSION

HOME | SEARCH

Compare Appliances - AudioVideo

Cancel

Below are the appliances you have selected to compare. Click the cancel button to return to the search results

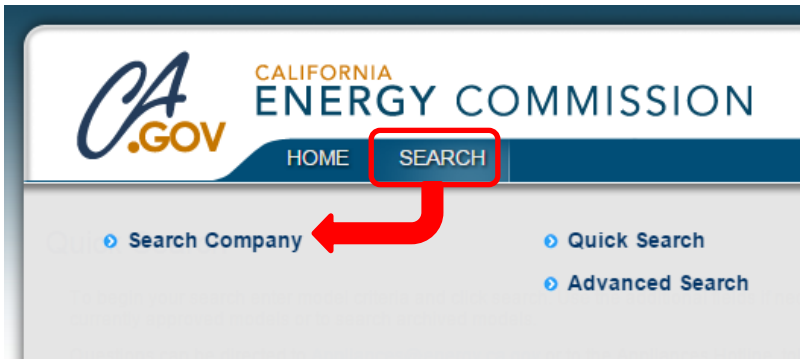
Model Number	EANOS502	MAX-DX76	ONCR34-XX
Manufacturer	Crown Radio, Ltd.	Samsung Electronics Co., Ltd.	Texco Electronics Co., Ltd.
Brand	Crown	Samsung	ONN
Audio Video Type	Compact Audio w/clock	Compact Audio w/clock	Compact Audio w/clock
Standby Power Usage (Watts)	3.8	3.6	4
Standby Power Usage (Watts) Std	4	4	4
On Mode Power Usage (Watts)	6.7		
On Mode Power Usage (Watts) Std			
Regulatory Status	Non Federally-Regulated	Non Federally-Regulated	Non Federally-Regulated
Add Date	5/10/2013	9/12/2007	5/26/2010

Conditions of Use | Privacy Policy
Decisions Pending and Opportunities for Public Participation
Copyright © 1994-2015 California Energy Commission, All Rights Reserved
State of California, Edmund G. Brown Jr., Governor

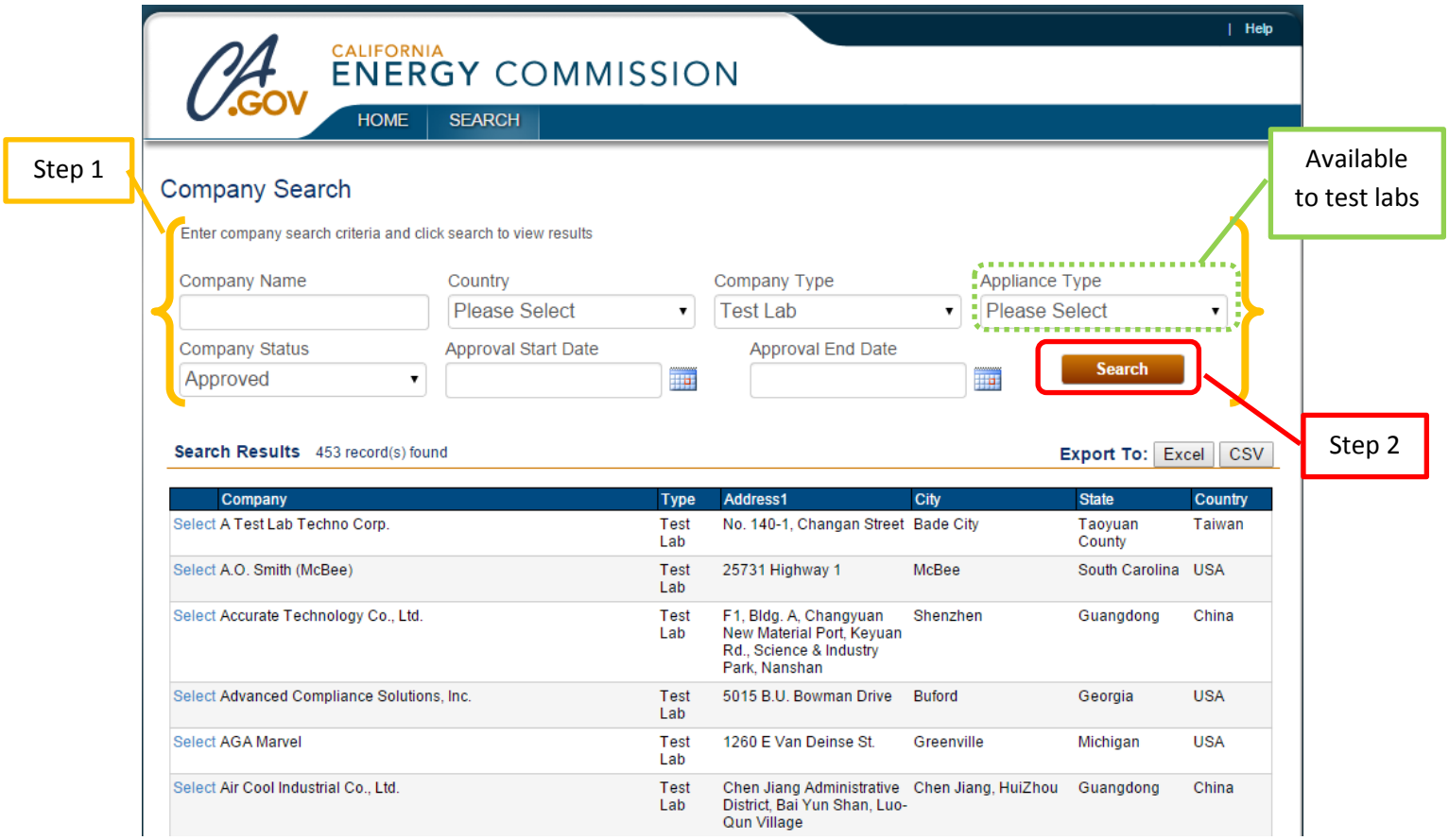
Company Search Database

The Company Search Database (CSD) is available to the public. First you will arrive to the Quick Search Database as show below:

To access the CSD hover over the search tab and click the "**Company Search**" link.



The default homepage for the Company Search Database after clicking "**Search**" from log-in homepage is shown below:

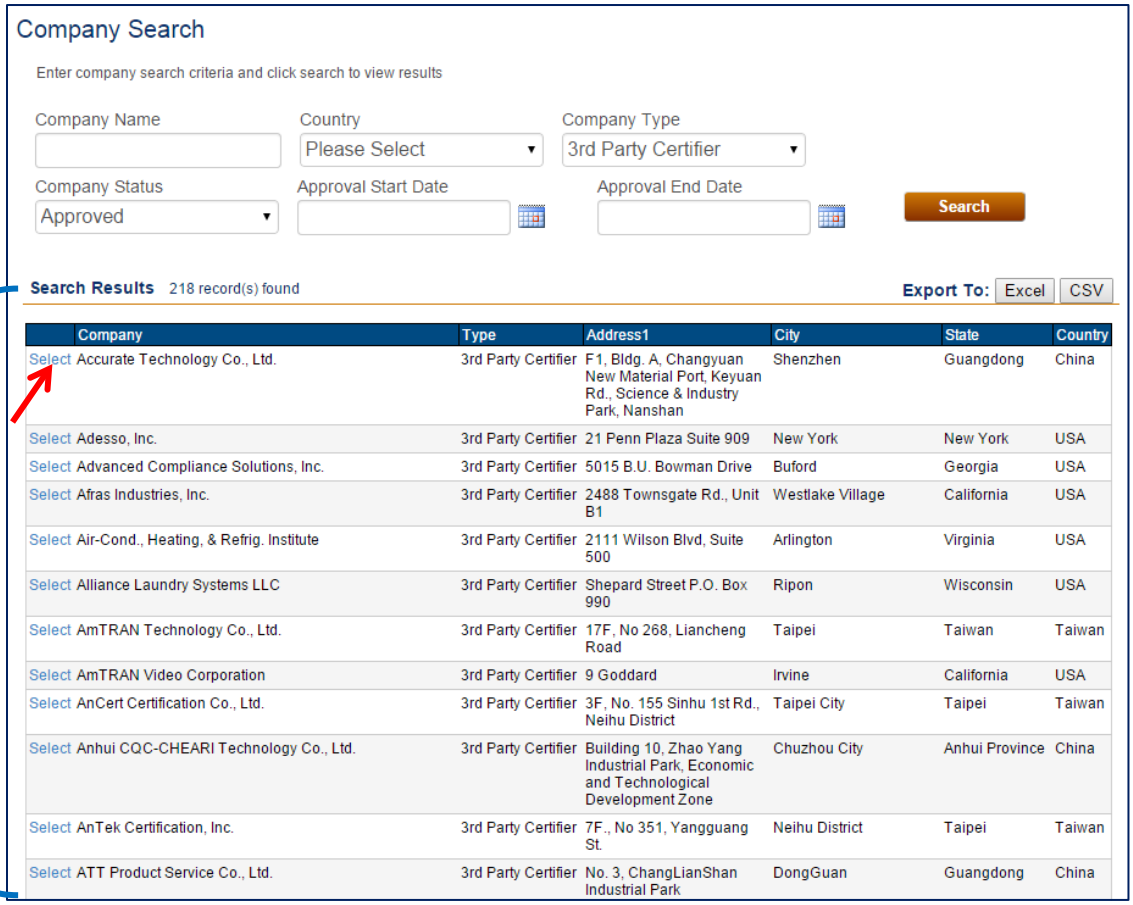


Step 1. To begin your search, use one or a combination of the following search criteria:

- **Company Name**: Enter the company name or a variation of the company name in the field box.
- **Country**: Select the country of origin for the company from the dropdown menu.
- **Company Type**: Select the company type from the dropdown menu
  - Test Lab
    - **Appliance Type**: Select the specific appliance type that the test laboratory is testing.
  - 3rd Party Certifier
- **Company Status**: Select the current status with Energy Commission for the company from the dropdown menu
  - Approved
  - Disabled
- **Approval Start and End Date**

Step 2. When are you done making your selections, click the "**Search**" button.

After making your search criteria selections and clicking the "**Search**" button, the results will appear. To view full details of the company, click the "**Select**" link next to the company (shown below).



Results

After clicking the "**Select**" link, you will be redirected to the company's page (shown below). To return to the results, click the "**Cancel**" button.

Section 1 - Company Information: Provides the company's name and website.

Section 2 - Company Type: Displays the company type. A company can have multiple company types, i.e. a company can be a Test Lab and a 3rd Party Certifier.

Section 3 - Address: Provides the company's address.

Section 4 – Users: Lists all the users associated with the company

Section 5 – Approved Appliance Types and Test Methods: If the company is a test lab, the appliances types and test methods they use will be listed in this section.

Section 1

Section 2

Section 3

Section 4

Section 5

Company Information Detail

Cancel

Company Information

*Company Name

Accurate Technology Co., Ltd.

Company Website (Follow Format: http://www.energy.ca.gov)

www.atc-lab.com

Company Type

☐ Manufacturer ☑ Test Lab ☑ 3rd Party Certifier

(Please select all company types that apply)

Address

*Country

China

*Address Line 1

F1, Bldg. A, Changyuan New Material Port, Keyua

Address Line 2

*City

Shenzhen

*USA State

Please Select

Foreign State/Province

Guangdong

*ZIP/Postal Code

518057

Users

First Name	Last Name	Email Address
[redacted]	[redacted]	[redacted]g@atc-lab.com
[redacted]	[redacted]	[redacted]i@atc-lab.com
[redacted]	[redacted]	[redacted]@atc-lab.com
User	2197	USER2197@energy.ca.gov

Approved Appliance Types and Test Methods

Appliance Type	Test Method
Televisions	10 C.F.R. section 430.23(h) (Appendix H to Subpart B of Part 430)
AudioVideo	IEC 62087:2002(E)
SmallBatteryCharger	10 C.F.R. section 430.23(aa) (Appendix Y to Subpart B of Part 430)
ExternalPS	10 C.F.R. §430.23(bb) - Appendix Z to Subpart B of Part 430 and US EPA "Test Method for Calculating the Energy Efficiency of Single-Voltage External AC-DC and AC-AC Power Supplies", August 11, 2004

To export your results (shown below), click the:

1. "**Excel**" button to export your results in the format of a Microsoft Excel file (.xlsx), or
2. "**CSV**" button to export your results in a Comma Separated Values file (.csv). CSV files store the data in plain text and separate the fields by a comma to be used in any spreadsheet program such Microsoft Excel, Google Spreadsheets, Open Office Calc, or other software programs that can interpret tabular data.

Company Search

Enter company search criteria and click search to view results

Company Name

Country: Please Select

Company Type: 3rd Party Certifier

Company Status: Approved

Approval Start Date

Approval End Date

Search

Search Results 218 record(s) found

Export To: Excel CSV

	Company	Type	Address1	City	State	Country
Select	Accurate Technology Co., Ltd.	3rd Party Certifier	F1, Bldg. A, Changyuan New Material Port, Keyuan Rd., Science & Industry Park, Nanshan	Shenzhen	Guangdong	China
Select	Adesso, Inc.	3rd Party Certifier	21 Penn Plaza Suite 909	New York	New York	USA
Select	Advanced Compliance Solutions, Inc.	3rd Party Certifier	5015 B.U. Bowman Drive	Buford	Georgia	USA