



## Product Configurator Instruction Manual

ACS50

ACS150

ACS350

ACS550

ACS800

ACH550

ACS50

ACS150

ACS

Enter Type Code:

Search

Wire Apply: Please see the Notes Tab.

Select Input Voltage

208 VAC

Select HP

20

Enter FLA or Select HP

Select Construction

E-Bypass, Circuit Breaker

Select Enclosure

☒ NEMA 1 UL Type 1

☐ NEMA 12 UL Type 12



TYPE CODE:

ACH550-BC-C68A-2-L51+L512

PRODUCT COMPLETE:

Input Voltage: 208 VAC  
Construction: E-Bypass, Circuit Breaker  
Rated Output Amps: 59.4  
Enclosure: NEMA 1 UL Type 1  
Frame Size: R3





## Introduction

The ABB Low Voltage Products Configurator and Submittal Generation tool provides you the ability to select and configure both simple and complex products. The objective of this tool is to make it easy for you to select, price, and generate submittals for our products.

This application is supported by the Low Voltage Drive web team. If you need assistance, or would like to provide suggestions on how we can improve the tool, please send an e-mail to [abb-drives.support@us.abb.com](mailto:abb-drives.support@us.abb.com).

## Signing in

1. Go to <http://www.abb-drives.com>.
2. Sign-in with your abb-drives.com user name and password. This is required to use the Configurator.

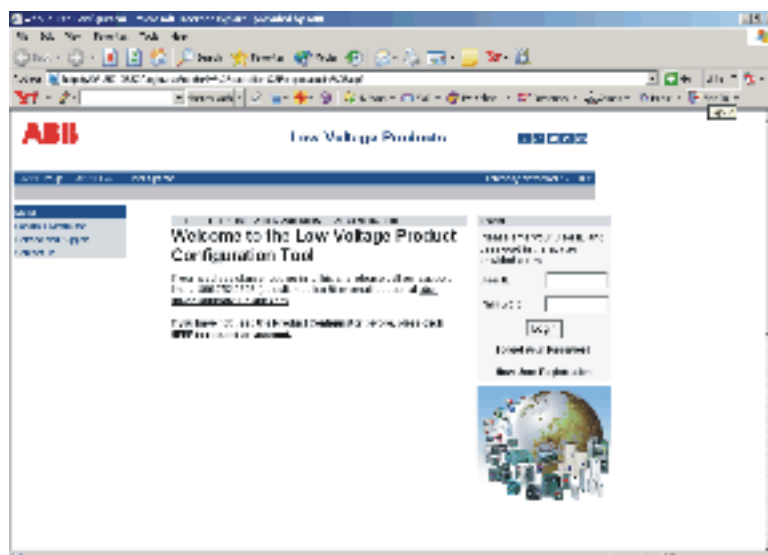
3. Once you have signed in, click  to enter the Configurator.

4. Sign-in with your Configurator user name and password.

**Note:** this is usually different than the abb-drives user name and password

### Note:

- If you do not have a user name and password, you can request one by clicking [New User Registration](#) .





# Navigating the Configurator

## For a new project

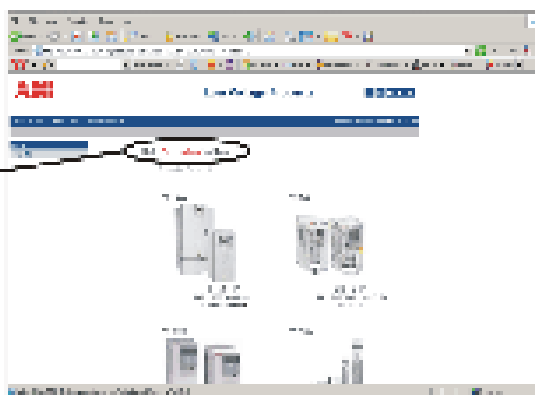
1. Click on **Projects +** and **Create New** from left menu to begin a new project.
2. Click on the icon or link on the page to enter the configurator.



3. Click on any of the product families to continue the configuring process.

**Note:** You can navigate back to previous pages by either clicking one of the links in the upper part of the screen (see below).

HOME > **Product Library** > AC Drives >

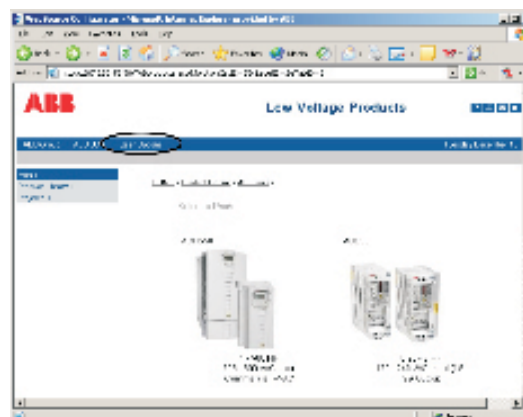


## For an existing project

1. Click on **Projects +** and **Load Existing** from left menu to access a previous project.
2. Go to page 11 for further instructions.

## General navigation information

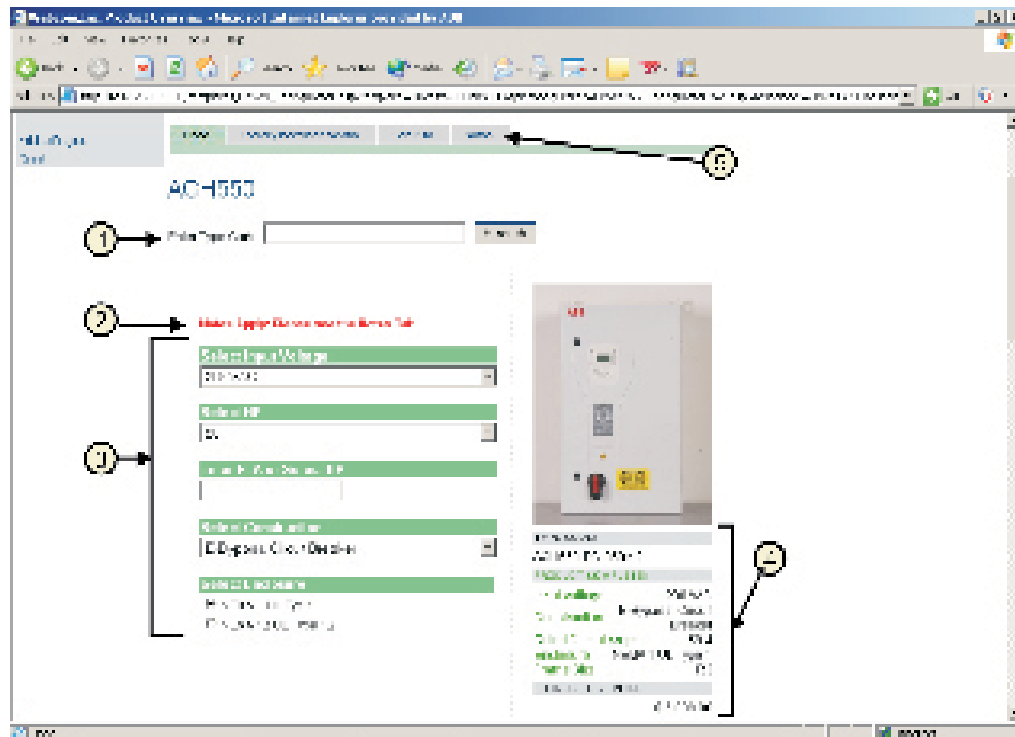
1. At any time you can click on **User Options**.
2. From here you can Log Off or edit your personal information.





## Finding Drive Information

1. Once you have selected a product family, enter your selections into the table.



- ① **Catalog Number Entry-** if you know the catalog number, or part of a catalog number, enter it here.
- ② **Notes-** if the selections you make create any additional notes, this text will appear. To read the notes, click [Notes](#) at the top of the page to view the notes.
- ③ **Product Data Entry-** select product attribute to “build” a catalog number. Note that the selections you make may limit the range of other selections to prevent users from building invalid configurations. If you find yourself unable to select the options you want, click [Reset](#) to reset your selections and start over.
- ④ **Details-** shows you what selections you have made. Any additional selections required to complete a valid catalog number are displayed in **red text**.
- ⑤ **Menu Tabs-** add options to the drive as well as view notes are specific to the drive you have “built”.



## Finding Drive Information (cont.)

2. Click on the tabs at the top of the page to add factory installed options, select field kits, or view important notes.



### The Catalog Number

The catalog number can be found below the picture in the right column.

**Note:** The catalog number will change as you make selections.



### Product Price

The drive price can be found at the bottom of the right column.

**Note:** It will only appear after a valid catalog number has been configured.





# Adding Additional Drive Information

At anytime you can add options to the drive you are building by clicking on the [Factory Installed Options](#) or [Field Kits](#).

## Factory Installed Options



1. Select from the list of options.

### Notes:

- It is recommended that selections are made from the top down.
- Selections you make may limit the range of other selections to prevent users from building invalid configurations.
- If you make an incorrect selection that removes desired selections, click [Reset](#). However, when you do this, it resets the selections for the whole product. You will have to re-enter the base product information.

2. As you make selections, the details of the drive will be modified.

**Note:** Factory Installed options are listed as plus [+] codes in the catalog number. They are also reflected in the price.

3. Once you have added all the factory installed options needed, simply click on another tab to continue. Your selections are saved as soon as you select them.

## Field Kits

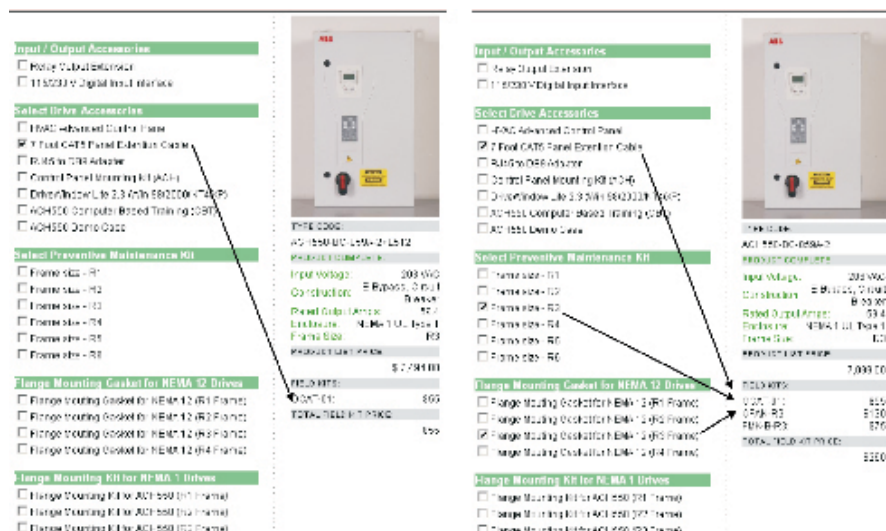
1. Select from the list of options.

2. As you make selections, they will be listed in the selection details.

### Notes:

- Kits are detailed in the list in the right column and are totaled separately from the list price.
- Selections are displayed in the order they appear in the left column, not in the order selected.

3. Once you have added all the field kits needed, simply click on another tab to continue. Your selections are saved as soon as you select them.





## Creating a Project

1. Once you have selected the correct drive, click **Add to Project** to add the drive to your project.



2. The following screen will appear:

### Actions:

edit- allows you to change the selections you made for that item  
copy- duplicates that item in the same project, maintaining any field kit or factory installed options selected for the drive.  
delete- deletes item  
refresh- updates the item with any updates to the product data.

### Search:

Enter a catalog number in this field at any time to configure and add a drive to the project.

### Mult. (Multiplier):

Provides ability to enter your cost multiplier

### Estimated Freight:

User editable field calculated in mark-up or margin. This value is added to the list price after those calculations.

### Tag:

Provides the ability to add customer/ Project IDs to items.

### % Mark-up / % Margin:

Provides the ability to set your markup - either in terms of % markup or % gross margin.

Calculator provided by ABB

Enter Type Code:  Search

Add Item Recalculate Save Project Go to Bottom Generate Documents Printable View

Description	(NO DESCRIPTION)	Project Number	5
Item No 1	Product ID ACH550-BC-059A-2	List Each	7099.00
Quantity 1	Tag	Mult.	1.000000
Actions	ACH550 E-Bypass, Circuit Breaker, 208 VAC, 20 HP, NEMA 1 UL Type 1	Net Each	7099.00
Item No 2	Product ID OCAT-01	List Each	55.00
Quantity 1	7 Foot CAT5 Panel Extension Cable	Mult.	1.000000
		Net Each	55.00
Item No 3	Product ID FMK-B-R3	List Each	75.00
Quantity 1	Flange Mounting Bracket for NEMA 12 (73) Frame	Mult.	1.000000
		Net Each	75.00
Item No 4	Product ID CFAN-R3	List Each	130.00
Quantity 1	Frame size - R3	Mult.	1.000000
		Net Each	130.00
Total List			7359.00
Total Net			7359.00
Estimated Freight			0.00
% Markup			0.00
% Margin			0.00

Done Internet

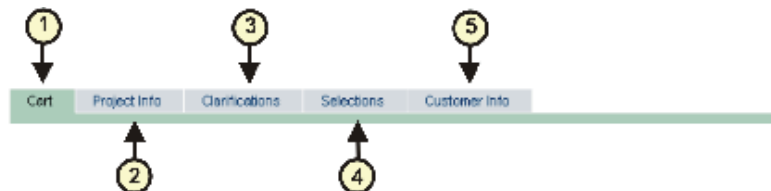
## Creating a Project (cont.)

3. From here you can also perform a variety of tasks:

- 1 **Add Item-** returns you to the configurator to build and add another drive.
- 2 **Recalculate-** refreshes the price after changing the quantity or other data.
- 3 **Save project-** saves the project for future use.
- 4 **Go to bottom-** goes to the bottom of the page for easy access to project pricing information.
- 5 **Generate Documents-** allows you to generate a full submittal or submittal schedule.
- 6 **Printable view-** shows the cart in a printer friendly view.



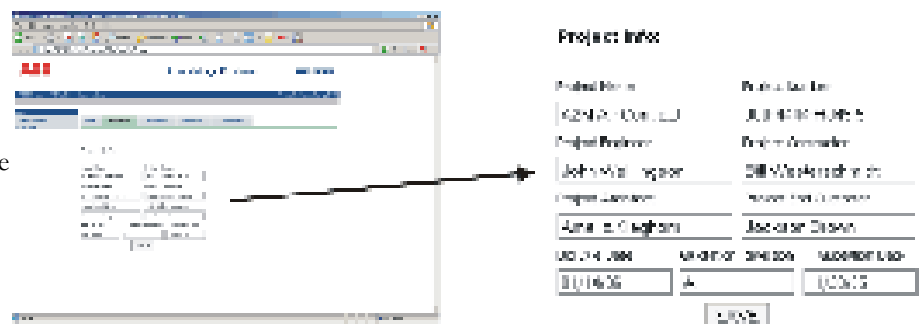
4. In addition, you can also enter specifics about each project.



- 1 **Cart-**  
view the bill of material for this project. This is also the screen that starts the submittal generation process.



- 2 Project Info-** identifies and distinguishes one project from another. The project name, Customer ID, name, and company are displayed when trying to retrieve projects. This information is also used to populate information in the project submittal.







## Creating a Project (cont.)

- 3 **Clarifications-** add up to ten (10) clarifications or exceptions to the project.

**Clarifications**

Clarification ID	Clarification	Response
1	Clarification 1	Response 1
2	Clarification 2	Response 2
3	Clarification 3	Response 3
4	Clarification 4	Response 4
5	Clarification 5	Response 5
6	Clarification 6	Response 6
7	Clarification 7	Response 7
8	Clarification 8	Response 8
9	Clarification 9	Response 9
10	Clarification 10	Response 10

- 4 **Selections-** add additional documents to the project's submittal.

**Selections**

Selection ID	Selection	Response
1	Selection 1	Response 1
2	Selection 2	Response 2
3	Selection 3	Response 3
4	Selection 4	Response 4
5	Selection 5	Response 5
6	Selection 6	Response 6
7	Selection 7	Response 7
8	Selection 8	Response 8
9	Selection 9	Response 9
10	Selection 10	Response 10

- 5 **Customer Info-** allows you to enter billing and shipping addresses. Also allows you to save, load, and update customer addresses.

**Note:** See more specific information on this section on the next page.

**Customer Info**

Customer ID	Customer Name	Address	City	State	Zip	Phone	Fax	Email
1	Customer 1	Address 1	City 1	State 1	Zip 1	Phone 1	Fax 1	Email 1
2	Customer 2	Address 2	City 2	State 2	Zip 2	Phone 2	Fax 2	Email 2
3	Customer 3	Address 3	City 3	State 3	Zip 3	Phone 3	Fax 3	Email 3
4	Customer 4	Address 4	City 4	State 4	Zip 4	Phone 4	Fax 4	Email 4
5	Customer 5	Address 5	City 5	State 5	Zip 5	Phone 5	Fax 5	Email 5
6	Customer 6	Address 6	City 6	State 6	Zip 6	Phone 6	Fax 6	Email 6
7	Customer 7	Address 7	City 7	State 7	Zip 7	Phone 7	Fax 7	Email 7
8	Customer 8	Address 8	City 8	State 8	Zip 8	Phone 8	Fax 8	Email 8
9	Customer 9	Address 9	City 9	State 9	Zip 9	Phone 9	Fax 9	Email 9
10	Customer 10	Address 10	City 10	State 10	Zip 10	Phone 10	Fax 10	Email 10



## Creating a Project (cont.)

### Customer Information for a new address

1. Enter the billing information.

2. Click **Save as New Address**.

3. If billing address is the same as the shipping address, click **Copy from Bill To Address**.  
If billing address is different from the shipping address, enter shipping information.

#### Notes:

- Shipping address is not saved with the billing address for future use.
- Only the billing address is saved.
- The last addresses displayed on the screen is used for the submittal.

4.. Click **Save Billing and Shipping info**.

The screenshot shows the 'Customer To' form with tabs for Bill, Project Info, Organization, Solutions, and Customer To. The 'Billing Address' and 'Shipping Address' sections are visible. The Billing Address fields include First Name (John), Last Name (Drowe), Company (ADM Air), Address (1416 Sunnyside Drive), City (Jackson), State (WY), Zip (83002), and Country (United States). The Shipping Address fields include First Name (John), Last Name (Drowe), Company (ADM Air), Address (1616 Sunnyside Drive), City (Jackson), State (WY), Zip (83002), and Country (United States). Buttons for 'Save Billing and Shipping info', 'Copy from Bill To Address', 'Update Existing Address', and 'New Address' are at the top.

### Customer Information for an existing address

1. Click **Load Address**.

2. Enter any changes or updates if necessary.

3. Click **Update Existing Address**.

Click on any letter to browse to the address

Click on any name to view, delete, or update address

The screenshot shows an address selection interface with a grid of letters (A-Z) for browsing. Below the grid is a table with columns: Customer Name, Customer Company, Country, State, and Address. The table contains two entries: 'Drowe John' with company 'ADM Air' and address '1416 Sunnyside Drive', and 'Drowe John' with company 'ADM Air' and address '1616 Sunnyside Drive'. A search bar at the bottom allows searching by 'Customer Last Name' or 'Customer Company'.

### Deleting customer information

1. Click **Load Address**.

2. Click **Delete Address**.

The screenshot shows the 'Customer To' form with the 'Delete Address' button highlighted in a red circle. The form structure is identical to the previous screenshots, showing Billing and Shipping address fields and navigation buttons.



## Retrieving a Project

1. Click **Load Existing** from the dropdown menu on the left.
2. This provides the ability to view all of the projects you have created.

### Notes:

- Projects from the previous 60 days will be displayed.
- You can view project created previous to this by changing the start date.

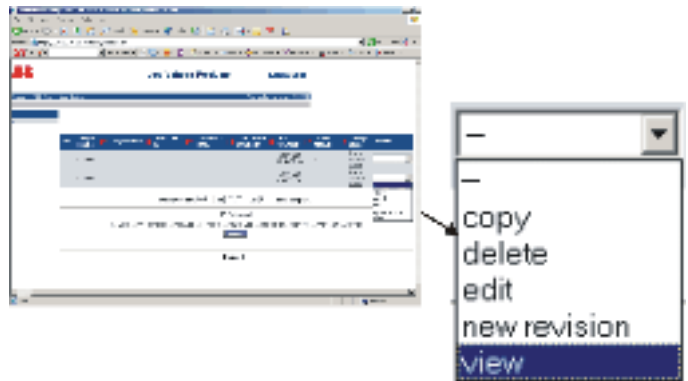
**Copy:** Duplicate the project.

**Delete:** Delete the project.

**Edit:** Add or delete drives or other information within the project. Changes are automatically made to the price. This is also the screen to begin the submittal generation process.

**New Revision:** Create a revision of the project.

**View:** Display an uneditable version of the project.



## Generating a Submittal

1. Once you have filled in all your specifics for the project, click **Generate Documents** to create the submittal.
2. Generation of the submittal document will begin.

**Note:** The submittal files can be quite large and therefore take a while to load, please be patient.



3. Once the submittal has been created, you can either download or e-mail it to another individual.

**Note:** The submittal is generated as a .doc file.



**Download**

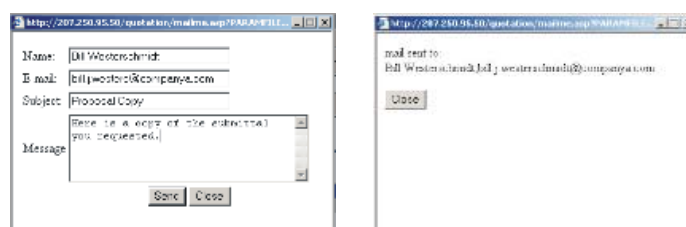
Clicking this will download the submittal to a desired storage location.



**Send**

Clicking this will e-mail the submittal to any desired person. You will be able to enter the name, e-mail address, subject, and a short message

**Note:** Once you click **Send**, please wait for the confirmation. (see below)





## Getting Help

If you need further assistance, please contact the Low Voltage Drives web team in one of the following ways:

### By E-mail:

[abb-drives.support@us.abb.com](mailto:abb-drives.support@us.abb.com)

### By Phone:

(800)752-0696 (option 6)

### By Mail:

ABB Inc.  
Webmaster  
Low Voltage Drives  
16250 W. Glendale Drive  
New Berlin, WI 53151



## Submittal Schedule Details for Drive Two

### Submittal Schedule Details for Main Drive

Item	Tag / Equipment ID	Product ID
1	Main Drive	ACH550-BC-059A-2+L511+L512

Item Description
Input Voltage: 208 VAC Rated Output Current: 59.4 Construction: E-Bypass, C12, & Breaker

### Clarifications and Exceptions to Specification and Terms

The comments and clarifications that follow are offered in response to the specification items identified below. Please refer to the specification section and paragraph indicated. Any contract executed based on this proposal is done based acceptance of the exceptions noted herein.

Item ID	Title	Clarifications and Exceptions
Item Number 1	Title 1	Clarification 1

### Submittal Schedule

This schedule includes the products supplied as part of this submittal.

Schedule			Motor Data			Drive Data		
Item	Qty	Tag / Equipment ID	HP	FLA	Voltage	Product ID	HP	Output Amperage
1	1	Main Drive	20	59.4	208 VAC	ACH550-BC-059A-2+L511+L512	20	59.4

11/30/2005

A2M Air  
6458 Sunnyside Drive  
#  
Jackson, WY 83002  
Attn: John Brown

Project Name: A2M Air Contract  
Project Number: 000-4444-HJ45-8  
Specification Number: Project Specification Number

Dear John,

Thank you for the opportunity to provide you a submittal for this project. Enclosed please find the submittal documents for the project identified above.

We appreciate your continued interest in ABB Products. Please feel free to contact me with any questions you have regarding the information provided.

Sincerely,

Bryan Shepard  
Co. Name

Telephone:  
e-Mail:







ABB Inc.  
Low Voltage Drives  
16250 W. Glendale Drive  
New Berlin, WI 53151  
Telephone (800) 752-0696  
Fax (262) 785-0397  
Internet <http://www.abb.us/drives>



LVD-EOTG03U-EN REV A, Effective: 12/19/05 Specifications subject to change without notice.