



PRODUCT SPECIALIST

Managing Product Content

Liferay

 **Commerce**

Managing Product Content

Tasks to Accomplish

- Create new Products
- Add Product Details to enhance shopping experience

Exercise Prerequisites

- Java JDK installed to run Liferay
 - Download here: <https://www.oracle.com/technetwork/java/javase/downloads/jdk11-downloads-5066655.html>
 - Instructions on installation here: https://www.java.com/en/download/help/download_options.xml
- Unzipped module exercise files in the following folder structure:
 - Windows: `C:\liferay`
 - Unix Systems: `[user-home]/liferay`
- A Liferay DXP or CE 7.2 instance up and running
- Liferay Commerce 2.1 installed on your instance of Liferay DXP
 - An installation overview can be found here: <https://learn.liferay.com/commerce-2.x/installation-and-upgrades/installation-overview.html>

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Adding New Products

Exercise Goals

- Create a new catalog
- Create a new Product with the following attributes:
 - Scoped with the new catalog
 - 2 Product Options
 - 2 SKUs
 - 1 Specification
 - 1 Category

Create a PremPower Products Catalog

1. **Sign in** to the platform, if you're not already logged in.
 - Make sure you are signed in as your administrative User.
2. **Open** the *Menu*.
3. **Go to** the *Control Panel > Commerce > Catalogs*.
4. **Click** the *Add* icon (plus sign in the upper right of the screen).
5. **Type** `PremPower Products` for *Name*.
6. **Click** *Submit*.
7. **Close** the pop-up.
8. **Click** *Save*.

US Products

ID: 42075
ERC: [Edit](#)

Cancel

Save

Details

Name *

US Products

Default Catalog Language * ⓘ

English (United States)

Currency *

US Dollar

Default Catalog Image

Drag & Drop to Upload or [Select File](#)


.gif, .jpeg, .jpg, .png, .mpg, .ogg

Maximum Size

5 MB

Create a New Product Entry for PremPower Battery

1. **Go to** *Control Panel > Commerce > Products*.
2. **Click** the *Add* icon.
3. **Choose** *Simple* from the pop-up menu.
4. **Choose** *PremPower Products* for *Catalog*.
5. **Type** `PremPower Battery` for *_Name*.
6. **Type** `A premium choice for your car's battery needs` for *Short Description*.
7. **Copy and Paste** the text from the file *prempower-battery-description.txt* in your *exercises* folder into the field for *Full Description*.
8. **Click** *Publish* at the top right of the page.



PremPower Battery

ID: 42077
ERC:
Edit

APPROVED

Cancel
Save as Draft
Publish

Details
Options
SKUs
Media
Product Relations
Subscription
Configuration
Visibility

Details

Catalog

US Products

Name

PremPower Battery

en-US

Short Description

A premium choice for your car's battery needs

en-US

Full Description

With best-in-class starting power, superior capacity, and long lasting life, PremPower Batteries are a step above the competition in every category. Advanced PremPower technology allows for great, quick starts and handles the most demanding power-draining systems with ease. An efficient design coupled with manufacturer-standard case/cover configuration makes for a smooth fit, no matter the size of your ride. Years of experience make PremPower your top choice for premium battery life and power.

en-US

Categorization

Minium Automotive (Global)

Select

Minium Canada (Global)

Select

Minium Europe (Global)

Select

Minium Test (Global)

Select

Minium Us (Global)


Select

Tags

Select


Add a Product Image for the PremPower Battery

1. Click the *Media* tab.
2. Click the *Add* icon (blue plus sign) under *Images*.
3. Click *Select File*.
4. Click *Select File*.
 - You will need to click *Select File* on two different screens in order to select your image.
5. Choose the *prempower-battery.png* file from your *exercises* folder.
6. Click *Add*.
7. Type PremPower Battery for *Title*.
8. Click *Publish*.
9. Close the pop-up.
10. Click *Publish* (top right of the screen).
 - This should result in the product image appearing next to the product name in the top left of the screen.



PremPower Battery

APPROVED

ID: 42077
ERC:  [Edit](#)



CancelSave as DraftPublish

DetailsOptionsSKUsMediaProduct RelationsSubscriptionConfigurationVisibility

Images

Search

+

Title	Extension	Order	Modified Date	Status	
 PremPower Battery	png	0	2 Minutes Ago	APPROVED	

10 items + Showing 1 to 1 of 1

<1>

Attachments

Search

+

Create an Option Template for Group Size

1. Click the *Options* tab.
2. **Type** Group Size in the box that reads *Find or create an option*.
3. Click *Create New*.
4. Click the *Options* section.
5. Click the *Options* icon (three dots) next to *Group Size*.
6. Choose *Edit* from the pop-up.
7. Click the slider next to *Use in Faceted Navigation*.
8. Click the slider next to *Required*.
9. Click the slider next to *SKU Contributor*.

Add 94R and 48 as Values for Group Size

1. Click the *Add* icon under *Values*.
2. Type 94R for *Name*.
3. Click *Submit*.
4. Click the *Options* button (three dots) next to *Group Size*.
5. Choose *Edit* from the pop-up.
6. Click the *Add* icon under *Values*.
7. Type 48 for *Name*.
8. Click *Submit*.
9. Close the pop-up.

Edit Group Size

Details

Name

Group Size

en-US

Field Type

Select from List

Description

en-US

Use in Faceted Navigation

NO

Required

NO

SKU Contributor

NO

Priority

0.0

Values

Search

+

Name	Order	
48	0	⋮
94R	0	⋮

10 items
Showing 1 to 2 of 2
1

Create an Option Template for CCA

1. Click the *Options* tab.
2. Type **CCA** in the box that reads *Find or create an option*.
3. Click *Create New*.
4. Click the *Options* section.
5. Click the *Options* icon (three dots) next to *CCA*.
6. Choose *Edit* from the pop-up.
7. Click the slider next to *Use in Faceted Navigation*.
8. Click the slider next to *Required*.

Add 710 and 750 as Values for CCA

1. Click the *Add* button under *Values*.
2. Type **710** for *Name*.
3. Click *Submit*.
4. Click the *Options* icon (three dots) next to *CCA*.
5. Choose *Edit* from the pop-up.
6. Click the *Add* icon under *Values*.
7. Type **750** for *Name*.
8. Click *Submit*.
9. Close the pop-up.

Edit CCA

Details

Name

CCA

en-US

Field Type

Select from List

Description

en-US

Use in Faceted Navigation

NO

Required

NO

SKU Contributor

NO

Priority

0.0

Values

Search

+

Name	Order	
710	0	
750	0	

10 items
Showing 1 to 2 of 2
1

Create an SKU for Group Size 94R

1. Click the *SKUs* tab.
2. Click the *Add* icon in the upper right of the screen.
3. Choose *Add SKU* from the pop-up menu.
4. Type *GS94R* for *SKU*.
5. Click the slider next to *Purchasable*.
6. Type *224.99* for *Price*.
7. Click *Publish*.
8. Close the pop-up.

GS94R

Details

Subscriptions

Price Lists

Inventory

Details

SKU

GS94R

Group Size 94R

Purchasable

YES

Global Trade Item Number

Manufacturer Part Number

Pricing

Price

224.99

USD

Promo Price

0.00

USD

Cost

0.00

USD

Shipping Override

Width

inches

Height

inches

Depth

inches

Weight

pounds

Create an SKU for Group Size 48

1. Click the *SKUs* tab.
2. Click the *Add* icon in the upper right of the screen.
3. Choose *Add SKU* from the pop-up menu.
4. Type *GS48* for *SKU*.
5. Click the slider next to *Purchasable*.
6. Choose *48* from the drop-down menu under *Group Size*.
7. Type *209.99* for *Price*.
8. Click *Publish*.
9. Close the pop-up.

GS48

Details

Subscriptions

Price Lists

Inventory

Details

SKU

GS48

Group Size 48

Purchasable

YES

Global Trade Item Number

Manufacturer Part Number

Pricing

Price

209.99

USD

Promo Price

0.00

USD

Cost

0.00

USD

Shipping Override

Width

inches

Height

inches

Depth

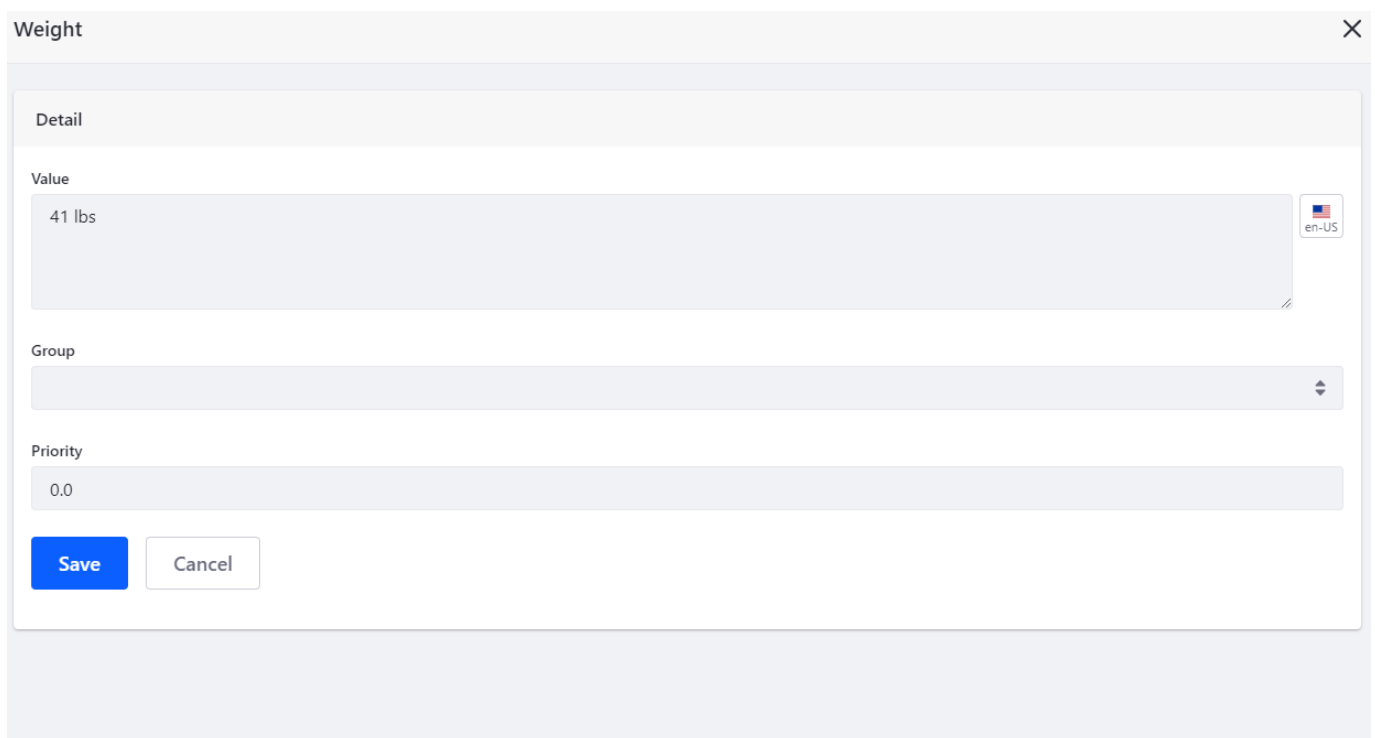
inches

Weight

pounds

Add a Weight Specification to the PremPower Battery

1. Click the *Details* tab (located directly left of the *Options* tab).
2. Type *Weight* in the box that reads *Find or create a specification* under *Add Specifications*.
3. Click *Select* next to *Weight*.
4. Close the pop-up.
5. Click the *Options* button (three dots) next to *Weight* under *_Specifications*.
6. Choose *Edit* from the pop-up menu.
7. Type 41 lbs for *Value*.
8. Click *Save*.
9. Close the pop-up.



The screenshot shows a 'Weight' specification edit form. The form has a title bar 'Weight' with a close button (X). The main content area is divided into sections: 'Detail', 'Value', 'Group', and 'Priority'. The 'Value' field contains '41 lbs' and has a language selector (en-US) on the right. The 'Group' field is empty with a dropdown arrow. The 'Priority' field contains '0.0'. At the bottom, there are 'Save' and 'Cancel' buttons.

Field	Value
Value	41 lbs
Group	
Priority	0.0

Create a Battery Category

1. Go to *Control Panel > Go to Other Site > My Sites > Global*.
2. Go to *Site Administration > Categorization > Categories*.
3. Click *Minium US*.
4. Click the *Add* icon.
5. Type *Battery* for *Name*.
6. Type *Batteries for cars and trucks* for *Description*.
7. Click *Save*.

Add the Battery Category to the PremPower Battery

1. **Go to** *Control Panel > Commerce > Products*.
 2. **Click** *PremPower Battery*.
 3. **Click** *Select* next to *US Products* under the *Categorization* section.
 4. **Click** *Battery* in the pop-up.
 5. **Click** *Add*.
 6. **Click** *Publish*.
-

Bonus Exercises:

1. Create a new product in the “PremPower Products” catalog called Battery Cable with Product Options for Gauge and Length.
2. Create a Product Relation between the Battery and Battery Cable products.

Managing Product Content Quiz

1. Which of the following is not an attribute you can assign to a product?
 - A. SKUs
 - B. Specifications
 - C. Product Details
 - D. Dimensions
 - E. Product Options
2. Which of the following attributes would be most helpful to add to a product to improve browsing experience? (Choose the best option.)
 - A. Product Categories
 - B. Product Relations
 - C. Product Options
 - D. Product Details
3. Product Options must be created outside of a product entry before being assigned to a product.
 - A. True
 - B. False
4. Which of the following is not a default product type in Liferay Commerce?
 - A. Simple
 - B. Complex
 - C. Virtual
 - D. Grouped
5. While a particular catalog may not contain all products, all products exist within catalogs.
 - A. True
 - B. False

Answer Key

1. D
2. A
3. False
4. B
5. True