

Setting Up Stamps – USPS Shipping Plugin for Magento 2.0

Overview

Stamps.com provides service for small businesses, enterprises and online retailers to print official the [United States Postal Service](#) stamps and shipping labels. Stamps.com sends customers a digital scale to weigh letters and packages to ensure the correct amount of postage is applied to the piece of mail. The amount of postage applied is then deducted from the customer's Stamps.com account. Customers can print labels with postage.

With the help of Stamps.com shipping plugin for Magento 2, you get the real-time rate for USPS. Rate depends on the package, weight, and address of sender and receiver.

This tutorial will give you an excellent launch pad to kick-start the Usage of Stamps.com-USPS shipping plugin for Magento 2. It will give you all the essential knowledge and step-by-step instructions.

Setting Up Stamps.com-USPS Plugin

After installing the plugin, a new shipping method 'Stamps' is available for shipping. Now you can configure this Stamps Shipping method as per your requirement. You can navigate to settings as:

- Navigate to Admin Dashboard > Stores > Configuration > Sales > Shipping Methods.

General Settings

The general setting fields are as shown below:

The screenshot shows the 'Configuration' page for the 'Stamps' shipping method. At the top, there is a 'Store View' dropdown set to 'Default Config' and a 'Save Config' button. Below this, a sidebar on the left contains a tree view with 'PORTO 2.1.0', 'SW EXTENSIONS', and 'GENERAL' expanded. The main content area is titled 'Stamps' and contains two settings: 'Enabled' with a dropdown menu set to 'Yes' and '[WEBSITE]' scope, and 'Title' with a text input field containing 'Stamps' and '[STORE VIEW]' scope.

1. **Enabled:** Select Yes from the drop-down list to enable the Stamps.com-USPS shipping method.
2. **Title:** Method Title is visible on the Cart page. Specify **Title** as required(defined by you).

API Settings

API settings are used to get rates and labels from Stamps.com. API Setting fields are as shown below:

The screenshot shows the API settings for the Stamps shipping method. It contains three fields: 'API User ID' with a text input field containing 'wooforce-01' and '[STORE VIEW]' scope; 'API Password' with a text input field containing six dots and '[STORE VIEW]' scope; and 'API Mode' with a dropdown menu set to 'Live' and '[STORE VIEW]' scope.

1. **API User ID:** For accessing Stamps.com APIs, you need to register with Stamps.com. After registration is complete, you get User ID and Password.

How to register for Stamps.com?

1. Go to [Stamps.com](https://www.stamps.com)
2. Click Get Started to sign up.
3. Enter all the required details in the given registration form.
4. Submit the registration form.

After registration, you will get the User ID and Password.

Enter the User ID in the given text box.

2. **API Password:** Enter Password which you have got from Stamps.com.
3. **API Mode:** In this field, you can set a required API mode for printing the labels. The available options are as given below:

- **Test:** Test mode is used to do some test purchasing and sample label printing by using Stamps.com API. You can use test mode before using Live Stamps.com Account. There is no real money transaction involved in test mode.
Please, contact Stamps.com to obtain test credentials and Test API URL. You should also request to whitelist your website host IP. In addition, you need to request for whitelisting your Personal Computer IP so that you can access/see the Label(generated in Test Mode) URLs.
Note: This mode is used only for development purpose and Customers should not have access to this mode.
- **Live:** Live mode is used for actual purchase and label printing.

Handling Fee Settings

You can add the shipping price as required to actual shipping cost. You can mention the fixed amount or the percentage of the total order. The settings are as shown below:

Calculate Handling Fee	Fixed	[WEBSITE]
Handling Fee	2	[WEBSITE]

Packages Request Type

Here, you can select the package type for packing the order. The shipping cost changes according to the option selected. The Settings are as shown below:

Packages Request Type	Divide to equal weight (one request)	[WEBSITE]
Displayed Error Message	This shipping method is not available. To use this shipping method, please contact us.	[STORE VIEW]
Maximum Package Weight (Please consult your shipping carrier for maximum supported shipping weight)	2	[WEBSITE]

1. **Packages Request Type:** The available options are as given below:
 - Divide to equal weight(one request): Package is selected on the basis of **Maximum Package Weight (Please consult your shipping carrier for maximum supported shipping weight)** field and the total of the cart.
 - Use Origin Weight (few requests): Package is selected on the basis of each product's weight.
2. **Displayed Error Message:** In case, the customer does not get any shipping method, this message is displayed.
3. **Maximum Package Weight (Please consult your shipping carrier for maximum supported shipping weight):** Enter the required maximum limit for the single package after consulting the carrier.

Country Settings

The Country settings are as shown below:

The screenshot displays the 'Country Settings' configuration. It features two main sections:

- Ship to Applicable Countries:** A dropdown menu currently set to 'All Allowed Countries'. To its right is a '[WEBSITE]' label.
- Ship to Specific Countries:** A list of countries is shown, including Afghanistan, Åland Islands, Albania, Algeria, American Samoa, Andorra, Angola, Anguilla, Antarctica, and Antigua and Barbuda. To its right is a '[WEBSITE]' label.

Ship to Applicable Countries: This field allows you to select countries for shipping. The available options are as given below:

- **All Allowed Countries:** This option provides availability of the plugin to the customers in all countries which are set in General Settings. It is set as a default option.
- **Specific Countries:** This option allows you to add the list of countries. Stamps.com shipping Method gets available only in the listed countries.

Sort Order

If more than one shipping methods are enabled, then this option allows you to position the shipping method among all the available that will be displayed on the checkout page. The setting is as shown below:

Sort Order

[WEBSITE]

Specify the number to show this shipping method on the checkout page.

For Example Sort order for FedEx is 1, UPS is 2 and Stamps – USPS is 3, then the shipping services for Stamps – USPS will be displayed after FedEx and UPS.

Allowed Methods

Select the methods which you want to be available for the customers. The Setting is as shown below:



The screenshot shows a configuration window titled "Allowed Methods". On the left, the text "Allowed Methods" is displayed. On the right, there is a scrollable list of shipping methods. The list includes:

- First-Class Mail - Package
- First-Class Mail - Postcard
- Priority Mail Express - Flat Rate Envelope
- Priority Mail Express - Flat Rate Padded Envelope
- Priority Mail Express - Letter
- Priority Mail Express - Large Envelope or Flat
- Priority Mail Express - Large Package
- Priority Mail Express - Legal Flat Rate Envelope
- Priority Mail Express - Package
- Priority Mail Express - Thick Envelope

Insurance Setting

Insurance provides coverage in the event that they become lost or damaged while in transit. If Shipper requires protection for items, then insurance may be arranged at an additional cost by USPS. The setting is as shown below:



A screenshot of a settings panel for the 'Insurance' option. The label 'Insurance' is on the left. To its right is a dropdown menu with a white background and a blue border, containing the text 'No'. A small grey button with a black upward-pointing triangle is on the right side of the dropdown.

Select **Yes** option to ensure your package. For more information on insurance, See [USPS Insurance – Stamps](#).

Hidden Postage

The Setting is as shown below:



A screenshot of a settings panel for the 'Hidden Postage' option. The label 'Hidden Postage' is on the left. To its right is a dropdown menu with a white background and a grey border, containing the text 'Yes'. A small grey button with a black downward-pointing triangle is on the right side of the dropdown.

Select Yes option to hide the postage amount on Print label.

Label Settings

The Print Label Setting fields are as shown below:



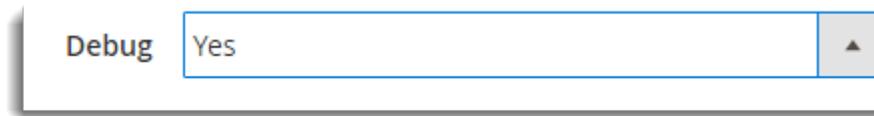
A screenshot of two settings panels for 'Print Label Settings'. The top panel has the label 'Print Layout' on the left and a dropdown menu with a white background and a grey border containing the text 'Default'. A small grey button with a black downward-pointing triangle is on the right. The bottom panel has the label 'Paper Size' on the left and a dropdown menu with a white background and a grey border containing the text 'Default'. A small grey button with a black downward-pointing triangle is on the right.

- **Print Layout:** It deals in the arrangement of visual elements on a page. Print layouts which are supported by the plugin as given below:
 - **Default:** Uses the default print layout.
 - **Normal:** Label of 4 X 6 inches gets generated. For Critical Mails, this option generates labels for windowed envelopes.
 - **NormalLeft:** Label of 4 X 6 inches gets generated on the left side of the paper.

- **NormalRight:** Label of 4 X 6 inches gets generated on the right side of the paper.
- **Normal4X6:** Label of 4 X 6 inches gets generated. This option only applies to Critical Mails and Library Mails.
- **Normal6X4:** Label of 6 X 4 inches gets generated. This option only applies to Critical Mails.
- **Normal75X2:** Label of 7.5 X 2 inches gets generated. This option only applies to domestic First Class or Priority packages.
- **NormalReceipt:** Label of 6 X 4 inches and receipt gets generated.
- **NormalCN22:** A 4 x 6 label on 8.5 x 11 sheet with Customs Form CN 22 gets generated.

Debug

If you are not getting proper rates(lesser or higher than expected), not getting all the available shipping options, or not getting rates at all, then you enable **Debug** option to find the error(s). By enabling debug mode, you can trace issue using log. The Setting is as shown below:

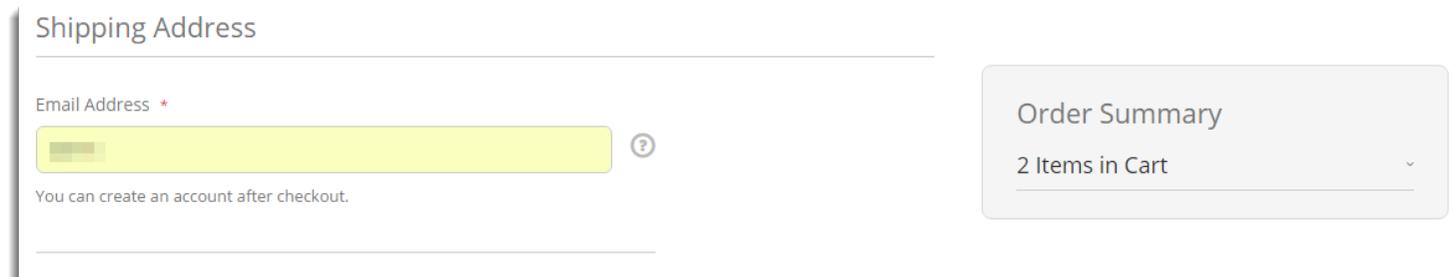


The image shows a configuration field for 'Debug'. The label 'Debug' is on the left. To its right is a text input field containing the word 'Yes'. Further right is a small grey button with a black upward-pointing triangle, indicating a dropdown menu.

Select Yes option from the drop-down list to enable debug mode.

Cart

After setting up Stamps.com-USPS Configuration Settings, your customers can see all available services list. The Customer can select the required option and place the order. The Checkout page is as shown below:



The image shows a checkout page. On the left, under the heading 'Shipping Address', there is a form with a label 'Email Address *' and a yellow input field. Below the input field, there is a question mark icon and the text 'You can create an account after checkout.'. On the right, there is a grey box titled 'Order Summary' which contains the text '2 Items in Cart' and a small downward-pointing arrow.

First Name *

John

Last Name *

Smith

Company

WooForce

Street Address *

300 Bolyston Avenue East

City *

Seattle

State/Province *

Washington

Zip/Postal Code *

98102

Country *

United States

Phone Number *

8088379844

Shipping Methods

Select Method	Price	Method Title	Carrier Title
<input type="radio"/>	\$1.36	First-Class Mail	Stamps
<input type="radio"/>	\$11.76	Library Mail	Stamps
<input type="radio"/>	\$12.36	Media Mail Parcel	Stamps
<input checked="" type="radio"/>	\$32.60	Priority Mail	Stamps
<input type="radio"/>	\$33.04	USPS Parcel Select	Stamps

USPS FARE SELECT STAMPS

\$126.72 Priority Mail Express Stamps

[Next](#)

Create Shipment Label

1. Navigate to Dashboard > Sales > Orders. The order page appears as shown below:

Orders 🔍 🔔 👤 admin ▾

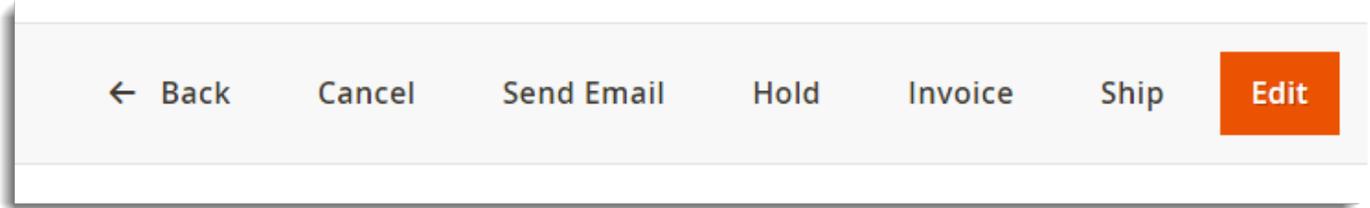
[Create New Order](#)

Search by keyword 🔍 ⌵ Filters 👁 Default View ▾ ⚙ Columns ▾ 📄 Export ▾

Select Items ▾ 6 records found 20 ▾ per page < 1 of 1 >

☐	ID ↑	Purchase Point	Purchase Date	Bill-to Name	Ship-to Name	Grand Total (Base)	Grand Total (Purchased)	Status	Action
☐	000000006	Main Website Main Website Store Default Store View	Jun 3, 2016 8:53:29 AM	John Smith	John Smith	\$534.60	\$534.60	Pending	View
☐	000000005	Main Website Main Website Store Default Store View	Jun 3, 2016 6:38:32 AM	Bhavana Bendale	Bhavana Bendale	\$1,006.72	\$1,006.72	Pending	View
☐	000000004	Main Website Main Website Store Default Store View	Jun 3, 2016 5:26:25 AM	Bhavana Bendale	Bhavana Bendale	\$7,548.36	\$7,548.36	Processing	View
☐	000000003	Main Website Main Website Store Default Store View	Jun 2, 2016 7:14:34 AM	Elangovan M	Elangovan M	\$3,902.79	\$3,902.79	Processing	View
☐	000000002	Main Website Main Website Store Default Store View	Jun 2, 2016 6:42:20 AM	JOHN SMITH	JOHN SMITH	\$251.34	\$251.34	Processing	View
☐	000000001	Main Website Main Website Store Default Store View	Jun 2, 2016 6:41:31 AM	Elangovan M	Elangovan M	\$3,808.11	\$3,808.11	Pending	View

2. Click **View** to see the order and click on Ship to ship the order as shown below:



3. To Create the shipment, select checkbox Create Shipping Label and click Submit Shipment as below:

New Shipment

[Q](#) [🔔](#) [admin](#) ▼

[← Back](#) [Reset](#)

Order & Account Information

Order # 00000006 (The order confirmation email was sent)		Account Information	
Order Date	Jun 3, 2016 8:53:29 AM	Customer Name	Guest
Order Status	Pending	Email	bhavana@wooforce.com
Purchased From	Main Website Main Website Store Default Store View	Customer Group	NOT LOGGED IN
Placed from IP	106.51.37.132		

Address Information

Billing Address Edit John Smith WooForce 300 Bolyston Avenue East Seattle, Washington, 98102 United States T: 8088379844	Shipping Address Edit John Smith WooForce 300 Bolyston Avenue East Seattle, Washington, 98102 United States T: 8088379844
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Payment & Shipping Method

Payment Information Check / Money order The order was placed using USD.	Shipping Information Stamps - Priority Mail Total Shipping Charges: \$32.60
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Carrier	Title	Number	Action

Add Tracking Number

Items to Ship

Product	Qty	Qty to Ship
Sample Product SKU: EH_02_06_2016_001	Ordered 2	<input type="text" value="2"/>

Shipment Total

Shipment Comments

Comment Text

Shipment Options

- Create Shipping Label
- Append Comments
- Email Copy of Shipment

Submit Shipment

4. Print the label, the label appears as shown below:

