



LiteCommerce USPS Module

Version 2.5

Reference Manual

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Introduction

The **USPS** (United States Postal Services) module is used for real time shipping cost calculation. When you activate this module for your store LiteCommerce can fetch real time shipping quotes from USPS servers through shipping webservice. The rate calculators provide quick and accurate information on the cost of mailing packages with USPS. This information is taken into consideration while calculating the total shipping cost in the order total. Before using this service, you should get an account with USPS. For more information about USPS, visit www.usps.com.

Administrator Zone

This section contains information on:

- [installing LiteCommerce USPS add-on module](#);
- [configuring the module](#);
- [operating the module](#).

Installing the Module

To successfully install **USPS** add-on module your shopping system requires LiteCommerce shopping cart software version 2.x to be installed at your online store.

Select the 'Modules' section in the 'Settings' menu of the Administrator Zone. The list of currently installed modules will appear. To install a module (**USPS** in our case) click on the '**Browse...**' button, select the module's **.tar** file and click on the '**Install**' button to add the module to your store setup.

Admin menu :: Modules

Modules

Use this section to manage add-on components of your online store. [How to use this section](#)
>>>

>> **You have no modules installed** <<

Install new module

Select module .tar file:

'**USPS**' module will appear in the list of the installed modules; it will be activated automatically.

To deactivate the module, unselect the '**Active**' check box against the module title and click on the '**Update**' button. To completely uninstall the module, click on the '**Uninstall**' button.

Admin menu :: Modules

Modules

Use this section to manage add-on components of your online store. [How to use this section](#)
>>>

You have **1** module installed and **1** module activated.

Commercial shipping modules

Title	Active	Description	Version	
▶ USPS	<input checked="" type="checkbox"/>	USPS real-time shipping calculation	2.5	<input type="button" value="Uninstall"/>

Configuring the Module

After you have successfully installed the **USPS** module, click on the **USPS** module link to enter the module's settings page.

Three main sections need to be configured: 'Account', 'International USPS' and 'Domestic USPS'.

Account

User ID: Enter the user ID for your USPS account.

Password: Enter the password for your USPS account.

Account

You should obtain this account from USPS at www.uspswebtools.com

User ID:	<input type="text" value="my_user_id"/>
Password:	<input type="text" value="mY_pAsswOrd"/>
URL:	<input type="text" value="http://production.shippingapis.com/ShippingAPI.dll"/>

URL: Enter the URL that you will get after connecting to the above site in the URL field. This is the URL that the LiteCommerce API will connect to for getting the required shipping webservice. (For example: testing.shippingapis.com, production.shippingapis.com)

International USPS

In this section there are only two parameters: Type of Mail and Value of content. These settings will be used to calculate the shipping rates for all the packages from your store mailed by International USPS.

International USPS

Type of Mail:	<input type="text" value="Package"/>
Value of content:	<input type="text" value="500"/>

Type of Mail: Select from *Package*, *Postcards or Aerogrammes*, *Matter for the Blind* and *Envelope*.

Value of content: set the default value expressed in monetary units that are used in your store.

Domestic USPS

This section contains the settings which will be used to calculate the shipping rates for all the packages from your store mailed by Domestic USPS.

Domestic USPS**Container (Express Mail):** Express Mail Flat Rate Envelope**Container (Priority Mail):** Priority Mail Flat Rate Box**Package Size (length + girth, inches):**

- Regular (0 < size <= 84)
 Large (84 < size <= 108)
 Oversize (108 < size <= 130)

Machinable:

No

Required for Parcel Post and First Class only. The size, content, and weight of a package can all determine whether a Parcel Post package is machinable or nonmachinable. Based on weight, the calculator will automatically apply the nonmachinable surcharge on Parcel Post packages weighing less than 6 ounces or over 35 pounds.

Length x Width x Height: 20 x 20 x 20

Required for Large Priority Mail pieces, inches

Girth:

64

Required for Priority Mail Non Rectangular (Large), inches

First Class Mail Type:

Letter

Apply

Clear cache

Container (Express Mail): Select a container that will be used for all Express Mail packages. Select None to use your own container.

Container (Priority Mail): Select a container that will be used for all Priority Mail packages. Select *None* to use your own container.

Package size: Select one of the options: *Regular*, *Large* or *Oversize*. Size is the length and girth of the package, measured in inches.

Machinable: Select *Yes* or *No*. The size, content, and weight of a package can all determine whether a Parcel Post package is machinable or nonmachinable. Based on weight, the calculator will automatically apply the nonmachinable surcharge on Parcel Post packages weighing less than 6 ounces or over 35 pounds. Required for Parcel Post only.

Length x Width x Height: Set the length, width and height of the package for Large Priority Mail pieces, measured in inches.

Girth: Set the girth for non-rectangular Large Priority Mail pieces, measured in inches.

First Class Mail Type: Select *Letter*, *Flat* or *Parcel*.

Find more information about USPS shipping rules at <http://www.usps.com>.

Click '**Apply**' to approve the selected settings.

To minimize waiting time for customers, shipping rates are stored in cache and not fetched each time from the USPS server. Click '**Clear cache**' to delete shipping rates from cache.

USPS live test

Perform **USPS Live Test** to see if the module has been configured correctly and everything operates as it should.

Enter the package weight in ounces and country (for International rates) or ZIP code (for Domestic rates). Click '**Run test**' and a table containing the shipping rates will be displayed.

USPS Live Test

International rates test

Ounces:

Country name to ship to:

Rates:

Shipping #	Shipping Method	Rate
150	U.S.P.S. Global Express Guaranteed	\$ 37.00
151	U.S.P.S. Global Express Guaranteed Non-Document Rectangular	\$ 37.00
152	U.S.P.S. Global Express Guaranteed Non-Document Non-Rectangular	\$ 37.00
153	U.S.P.S. Express Mail International (EMS)	\$ 25.00
154	U.S.P.S. Express Mail International (EMS) Flat Rate Envelope	\$ 25.00
155	U.S.P.S. Priority Mail International	\$ 20.00
157	U.S.P.S. Priority Mail International Flat Rate Envelope	\$ 11.00
156	U.S.P.S. Priority Mail International Flat Rate Box	\$ 37.00
158	U.S.P.S. First-Class Mail International	\$ 0.90

Operating the Module

When the module is configured, the store admin can activate or deactivate available shipping methods in the corresponding section of the 'Settings' menu. If a new method is introduced in USPS, it is automatically added to the list of shipping methods, but is deactivated by default. The store admin needs to activate each new method manually.

U.S.P.S.

Shipping method	Destination	Pos.	Active <input checked="" type="checkbox"/>	
U.S.P.S. Airmail Letter Post	International	<input type="text" value="0"/>	<input checked="" type="checkbox"/>	Delete
U.S.P.S. Airmail Parcel Post	International	<input type="text" value="0"/>	<input checked="" type="checkbox"/>	Delete
U.S.P.S. Bound Printed Matter	National	<input type="text" value="0"/>	<input checked="" type="checkbox"/>	Delete
U.S.P.S. Economy (Surface) Letter Post	International	<input type="text" value="0"/>	<input checked="" type="checkbox"/>	Delete
U.S.P.S. Economy (Surface) Parcel Post	International	<input type="text" value="0"/>	<input checked="" type="checkbox"/>	Delete
U.S.P.S. Express Mail	National	<input type="text" value="0"/>	<input checked="" type="checkbox"/>	Delete
U.S.P.S. Express Mail Flat Rate Envelope (12.5" x 9.5")	National	<input type="text" value="0"/>	<input checked="" type="checkbox"/>	Delete

Customer Zone

When USPS module is enabled, customers who are logged in have a choice of USPS shipping methods when they place products in the cart.

Shopping cart				
Qty	SKU	Product	Price	Total
<input type="text" value="1"/>		Kangaroos Women's Lotus...	\$ 15.00	\$ 15.00

Delivery:

- U.S.P.S. Express Mail \$ 19.50
- U.S.P.S. Priority Mail \$ 4.60
- U.S.P.S. Parcel Post \$ 4.50**
- U.S.P.S. Bound Printed Matter \$ 2.23
- U.S.P.S. Media \$ 2.13
- National shipping \$ 0.00

Shipping rates are calculated based on the shipping address designated in the customer's profile and the settings which the admin has defined in the USPS settings section.

Terms and Definitions

Administrator: a 'super-user' of the online store system who is privileged to configure the entire store and manage products, customers and orders;

Administrator zone: an administrator back office where the store Admin can configure, control and monitor store operations, enable or configure various features of the store;

Customer: a registered store user;

Customer zone: an area at the online store where store customers can manage their profiles and review their orders;

User: anyone who visits the online store.