

Magento

UPS Freight LTL Shipping Extension

User Manual



version 1.0.0

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Extension Description

The UPS Freight LTL Shipping Extension allows your Magento storefront to request shipping freight estimates from the UPS Freight SOAP based web services. These are the same rates that can manually be loaded via the UPS Freight LTL estimate page

(https://wwwapps.ups.com/fctc/timeandcost?loc=en_US) . You have the ability to apply two levels of fees (either flat or percent), which will be stacked onto the resulting estimate (see examples under the usage section).

Extension Installation

1. If you are logged into the Magento Admin panel, please log off.
2. The extension package contains the all of the modules files. Uncompress the zip file to your Magento root folder (make sure file permissions are 755).
3. Enable the module by running ``php bin/magento module:enable jmodz_Upsfreightshipping``
4. Apply database updates by running ``php bin/magento setup:upgrade``
5. Flush the cache by running ``php bin/magento cache:flush``
6. Your module should now be installed.

Extension Usage

To use this extension, you must first complete the extension's configuration.

1. Login to the Admin Console
2. Navigate to the extension: Click on Store -> Configuration -> Sales and click "Shipping Methods".
3. Expand the "UPSfreightshipping" section.
- 4.

The screenshot displays the Magento Admin Console interface. On the left is a vertical sidebar with various navigation icons and labels: STOCK AND IMAGE, LANDOFFCODER, SALES, CATALOG, CUSTOMERS, BSS COMMERCE SEO, LANDOFFCODER, YOTPO, SALES, Reports, AMASTY, STORES, SYSTEM, IND PARTNERS & EXTENSIONS, and PRODUCT INQUIRY. The main content area is divided into two panels. The left panel, titled 'MAGEZON EXTENSIONS', lists several categories: CATALOG, SECURITY, CUSTOMERS, BSS COMMERCE SEO, LANDOFFCODER, YOTPO, and SALES. The 'SALES' category is expanded, showing a list of sub-items: Sales, Sales Emails, PDF Print-outs, Tax, Checkout, Shipping Settings, Multishipping Settings, Google API, and Payment Methods. The right panel, titled 'Upsfreightshipping', contains the configuration form for the extension. It includes fields for 'Enabled' (set to 'Yes'), a note about test mode, 'Title' (set to 'UPS Freight LTL'), 'Fixed Rate' (set to 'No'), 'Production Gateway URL' (set to 'https://onlinetools.ups.com/webservices/FreightRate'), 'Test Gateway URL' (set to 'https://wwwcie.ups.com/webservices/FreightRate'), 'UPS Access License Number (key)', 'UPS Username', 'UPS Password', 'Requestor Type' (set to 'Prepaid (requires bill to address)'), 'Bill To Address', 'Bill To City', 'Bill To State', 'Bill To Zip', 'Bill To Country', and 'Activation Weight'.

UPS Freight LTL Shipping Extension

Enabled – Yes if the extension is enabled

Run in test mode – By default this will be set to true. When true, your extension will be configured to create a test request to the UPS Freight certification service. To run the test, simply put a product in the cart (that meets the minimum weight of the extension) and request a quote. This returned quote value is what you will use when requesting your production access (see UPS Freight Access Keys below).

Title – Title to be displayed in checkout

Fixed Rate – Ignore rate request and only apply handling fees.

Gateway URL – URL to UPS Freight LTL SOAP server

Production

<https://onlinetools.ups.com/webservices/FreightRate>

Test:

<https://wwwcie.ups.com/webservices/FreightRate>

UPS Access License Number – (see section on obtaining a license key)

UPS Username – your UPS username

UPS Password – your UPS password

Requestor Type - The role of the requestor. If requestor type is “Bill To” then the following Bill To attributes are required.

Bill To Address

Bill To City

Bill To State

Bill To Zip

Bill To Country

Activation Weight – If the weight of the order exceeds this value, this extension will be displayed as a shipping option upon checkout.

Maximum Package Weight - The maximum package weight allowed.

Maximum Freight Cost - The maximum shipping cost allowed.

Allowed Methods – Standard LTL Freight is the only option here

UPS Freight LTL Shipping Extension

Pallet Weight – Add on weight of pallet if this applies. Leave zero if N/A

Rate Text – This will be the text that is displayed along with the rate quote.

Freight Class – Freight bill class (standard FB classification codes)

Package Type - the package type of shipments

Show Residential Rate – If 'Yes', along with the standard rate, you will also get a second rate quote which includes a fee for residential delivery.

Residential Rate to Add – The dollar amount that will be added to the standard rate.

Residential Rate Text – see 'Rate Text'

***The following attributes allow you to tack on additional fees to the estimate. As an example: You have the ability to add 10% plus \$15 to the result of the shipping estimate. To do this, you would use the following fields:

Calculate Additional Handling Fee (applied to shipping rate) – The type of additional fee to apply on the shipping estimate. Values are either fixed or percent.

Handling Fee - Either a flat dollar amount or a percent

Calculate Additional Handling Fee (applied to result of first handling fee) - The type of additional fee to apply on the result of the first handling fee. Values are either fixed or percent.

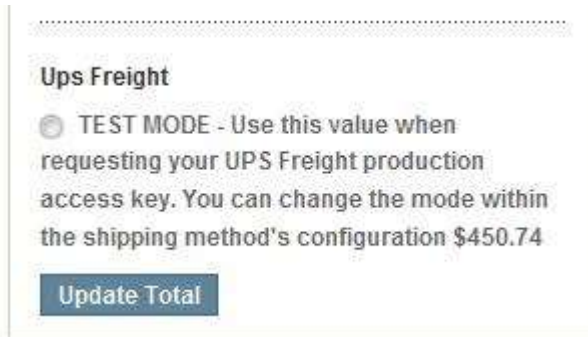
Handling Fee - Either a flat dollar amount or a percent

Displayed Error Message - The message to display in the case where a UPS Freight LTL is unable to return a valid shipping rate.

UPS Freight Access Keys

Four steps are required in order to obtain production UPS Freight LTL SOAP web service production access key. The request process can be done using the following UPS url: https://www.ups.com/upsdeveloperkit?loc=en_US

1. Register with UPS and request an developer access key
2. Complete certification test by running a quote while the extension is configured to “Run in test mode”



3. Using results from certification test, request production access (see screenshots below).
4. After submitting your request for production access, you will receive an email with a new license key.
5. Set the “Run in test mode” to false and enter in your new license key.

Apply for Production Key Screenshots

The screenshot displays the UPS Developer Kit web application. At the top, a navigation bar includes the UPS logo, 'United States', a user greeting, and links for 'My UPS', 'Shipping', 'Tracking', 'Freight', 'Locations', 'Support', and 'Business Solutions'. The 'Support' section on the left lists various resources like 'Getting Started', 'Shipping', 'Tracking', and 'Developer Resource Center'. The main content area is titled 'UPS Developer Kit' and features an 'Announcements and API Updates' section, a 'How to Get Started' guide with five steps, and an 'Access and Administration' section with links for 'Manage Access Keys', 'Administration', 'Customer Support', and 'Third Party Development'. A callout box points to the 'Manage Access Keys' link with the text 'Click here to manage your access key.' Below this, the 'Developer APIs' section is divided into 'Shipping/Rating' (including Address Validation, Locator, and Rating) and 'Visibility' (including Quantum View, Tracking, and International Trade). The footer contains sections for 'Getting Started', 'Subscribe to E-mail', 'ups.com' links, 'Support', 'Protect Against Fraud', 'Other Sites', 'Highlights', and 'Feedback'.

UPS Developer Kit

Announcements and API Updates

UPS Online Tools is now the UPS Developer Kit. As with UPS Online Tools, the Application Programming Interfaces (APIs) in the Developer Kit integrate UPS functionality into your applications, e-commerce sites, and business systems. We've now streamlined access to the APIs and improved developer support.

How to Get Started

Step 1: [Register with My UPS.](#)
Step 2: [Log-in](#)
Step 3: Select an API.
Step 4: Download the API documentation.
Step 5: [Request an access key.](#)

Access and Administration

[Click here to manage your access key.](#)

[Manage Access Keys](#)
[Administration](#)
[Customer Support for UPS Developer Kit](#)
[Third Party Development](#)

Developer APIs

Shipping/Rating

[Address Validation - City, State, ZIP](#)
Verify the city, state, and ZIP or postal code information is valid.
[Address Validation - Street Level](#)
Verify the street address, city, state, and ZIP or postal code information is valid.
[Locator - Global](#)
Find a UPS location or The UPS Store nearest to you.
[Pickup](#)
Request a pickup for you or for one of your customers.
[Rating](#)
Compare delivery services and shipping rates to determine the best option for your customers.
[Shipping](#)
Validate addresses, compare rates, and print labels for your internal business processes.
[Time in Transit](#)
Compare shipping transit times of UPS services.

Visibility

[Quantum View®](#)
Stream Quantum View Data via XML over the Web and into internal applications.
[Tracking](#)
Provide accurate package status information to your customers.
[Tracking - UPS Signature Tracking®](#)
Automate Proof of Delivery for your shipments.
International Trade
[UPS TradeAbility®](#)
Generate cost estimates for duties, taxes, and transportation for international shipments; locate compliance and licensing information, and identify restricted trading parties.

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Manage Access Keys

If you need to update a certain access key, request production access, or request a new access key select the appropriate action below. Required fields are indicated with *.

View/Update Access Key

Enter an access key and select **View/Update Access Key** to update that key to provide access or the latest list of APIs.

Access Key: [View/Update Access Key *](#)

Request Production Access

To complete your request for production access for the selected APIs, please provide the following information and select **Request Access**.

Access Key: [Request Production Access *](#)

Enter in your key and click the button.

Request New Access Key

You can create a new access key to use with your new or existing applications.

[Request New Access Key](#)

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Request Production Access - Step 1

Please choose one or more APIs and select **Next** to continue. You will be required to enter additional information for the APIs you select on the next page.

Request Production Access for Access Key:

UPS Account Number:

Select APIs:

- ☐ Address Validation - Street Level
- ☐ Locator - Package
- ☐ Pickup - Ground Freight
- ☐ Pickup - Package
- ☒ **Rating - Ground Freight**
- ☐ Shipping - Ground Freight
- ☐ Shipping - Package

1. Be sure to check here. Then click Next >>.

[Cancel](#) [Next >>](#)

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Request Production Access - Step 2

To continue, please provide information for the required fields highlighted below.

To complete your request for production access for the selected APIs, please provide the following information and select **Request Access**. Required fields are indicated with *.

Request Production Access for Access

Key:

UPS Account Number:

Selected APIs: Rating - Ground Freight

Ground Freight Information

Do you currently use Czar or Czar Lite rates? ☐

No *

Note: UPS Ground Freight Shipping and UPS Ground Freight Rating are not available if you have Czar or Czar Lite rates.

Will you pay the invoice?

Yes *

Note: UPS Ground Freight Shipping and UPS Freight Rating are only available if you pay the invoice.

Ground Freight Testing Results

>>> Rate Value: *

Enter the returned rate here and click Request Access >>

[« Back](#) [Cancel](#) [Request Access »](#)

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Request Production Access - Confirmation

Thank you. Your request for production access has been received. You will receive a separate e-mail confirmation for each API.

Your Requested Production Access for

Access Key:

UPS Account Number:

API(s): Rating - Ground Freight

Notes:

1. You can use the [Manage Access Keys](#) page to see your current access information.
2. To receive your negotiated rates for Your Ground Freight Shipments, please [Enroll Now](#).
3. If you use Czar or Czar Lite rates you can only request production access for the Pickup API. Contact your account executive for more information.

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