

# Standard Freight

## Overview

Standard Freight charges can be configured by postcode, order value, consignment size or a combination of these. The freight matrix can be as simple or complex as required, and with different parameters specifiable for different regions. Depending on the method, data may be required to calculate freight charges.

For a guide on how to set up standard freight, see: [Configure Standard Freight](#)

### On this page:

- [Overview](#)
- [Basic Freight Setting Components](#)
  - [1. Freight Countries](#)
  - [2. Carriers](#)
  - [3. Charging Zones](#)
- [Examples](#)
  - [Flat Rate by Value](#)
  - [Weight and Location Matrix](#)
- [Products with Special Freight](#)
- [Additional Information](#)
- [Related help](#)

## Charge Methods

Method	Explanation	Examples	Data Requirements
Flat Rate by Order Value	Charge a flat rate based on the order value.	<ul style="list-style-type: none"><li>• Charge \$25 for orders below \$100, charge \$0 (free) for orders over \$100.</li></ul>	N/A
By Order Weight	Charge a fee based on the total weight of the order.	<ul style="list-style-type: none"><li>• Charge \$10 + \$0.50 per kg.</li></ul> <p><i>Note:</i> \$10 is the consignment charge.</p>	Weight (kg) must be stored against the product.
By Location	Charge a fee based on the order destination <b>postcode</b> .	<ul style="list-style-type: none"><li>• Charge \$15 flat fee for Sydney Metro, charge \$25 for all other locations.</li></ul> <p><i>Note:</i> This method is typically used for customers with a central warehouse, so any local areas relative to the central warehouse (defined by postcode) are cheaper.</p>	Postcode Matrix to determine which is Sydney Metro (refer to the example)
By Order Weight and Location	Charge a fee based on the total weight of the order and the destination postcode.	<ul style="list-style-type: none"><li>• Charge \$15 flat fee for Sydney Metro (as this might be via a local courier). Charge \$25 fee + \$0.50 per kg for all other locations.</li></ul>	Weight and Postcode Matrix
Customer-based freight (Region Freight)	<p>In addition to standard freight, there are occasions where you might have Free-In-Store (FIS) or other agreements with your customers.</p> <p>For customer-based freight, you can use a customer flat rate (or percentage of order value) rule based on Order Value.</p>	<ul style="list-style-type: none"><li>• Customer A is a casual customer and does not qualify for any special freight discounts. In this case, Customer A's delivery charges will use the standard freight method (i.e., one of the previous methods).</li></ul> <p>Customer B is a regular and places 3 orders per week with an average of \$500 per order. Set up to charge freight based on the order value for this customer. This can encourage Customer B to buy more and less regularly.</p> <p><i>Example:</i> Charge \$10 for order value between \$0 to \$500, charge \$0 (free freight) for order value between \$500.01 to \$999999.</p>	Individual Customer Code and a freight flag

## Basic Freight Setting Components

Regardless of method, three basic components need to be configured on your website:

1. Freight Countries
2. Carriers
3. Charging Zones

### 1. Freight Countries

If only one country is added, this must be flagged as the default country. For instance, if you only ship within Australia, only Australia needs to be added, then flagged as the 'Default Country'. For international shipping, the other countries need to be added, with the local country flagged as the default.

For each country, freight options such as default freight carrier, consignment charge, default charge rate (\$/kg) and overriding the carrier code with one from the ERP/PRONTO can be selected.

## 2. Carriers

After a freight country is added, freight carriers for the country can be entered. Each can be configured with a range of [standard freight carrier value options](#).

Field	Value
Minimum Freight Charge	The minimum charge for this freight option. The Base Charge + \$/KG charge in the Charging Zone screen is calculated and compared to this Minimum Freight Charge. The system will apply the greater of the two charges.
Packaging Charge	An additional charge applied to this carrier, per KG.
Minimum Carrier Weight	Minimum order weight in KG. This value is used to filter carrier options based on weight ranges.
Maximum Carrier Weight	Maximum order weight in KG. This value is used to filter carrier options based on weight ranges.
Maximum Volume (cubic metres)	Maximum order size in cubic meters. Value is derived from the 'Pack Cubic Size' for each product.
Order Limit for No Charge	The value the order must reach in order to qualify for Free Freight. Value is inclusive of GST.
Order Value Start Range	Minimum order value (inc-GST). This value is used to filter carrier options based on total spend.
Order Value End Range	Maximum order value (inc-GST). This value is used to filter carrier options based on total spend.
Do Not Override Customer Carrier Code	When set to 'Yes', the system uses the carrier code from Customer 'Delivery Code' (dr-delivery-route-code) in PRONTO, but will still calculate the charges based on this freight option.
Maximum Carrier Item Length	Maximum length for ANY product on the order, expressed in metres. This field is mapped to 'ItemLength' in the Product table, but the value is not maintained in the ERP/PRONTO. (Contact Commerce Vision for information on how to use this field.)
Volume to Weight Conversion Factor	System multiplies the total order volume (using 'Pack Cubic Size' for each product) by this Volume to Weight Conversion Factor. If this value is greater than the current total order weight (using 'Pack Weight' for each product), it will be used as the order weight.  This field is not used if left blank.
Track and Trace URL	The Carrier's order tracking URL with the consignment note expressed as a parameter.  For a list of common URLs, see: <a href="https://help.commercevision.com.au/hc/en-us/articles/201395495">https://help.commercevision.com.au/hc/en-us/articles/201395495</a>
Delivery Instructions	This text is inserted into the first line of Delivery Instructions for this carrier. Cannot be edited by the end user.  30 character limit (as per PRONTO field).



*For PRONTO users.* For per kilogram charges, it is essential to have weight data populated in the PRONTO Stock Master. This is also important for carriers with physical restrictions on consignment sizes or dimensions.

## 3. Charging Zones

Each Carrier will be configured with its own Charging Zones, where postcode ranges can be split up to attract different charge rates. **NOTE** - Carrier Codes with no charging zone entered will never be displayed as a freight option to the end user. (But they might still exist in the freight table for Track & Trace functions).

Below is the Charging Zones table, with an explanation of each value. Fields marked with \* are mandatory.

## Charging Zones

Field	Value
Starting Postcode for this Zone*	The starting postcode (e.g. 4000 if this zone is all of Queensland).
Ending Postcode for this Zone	The ending postcode (e.g. 4999 if this zone is all of Queensland).
Delivery Lead Time	The number of days required for delivery from the warehouse to the destination. This value overrides the system setting default and does not include the Shipping Lead Time (also in system settings).
Freight Option Method	The method by which charges are calculated for this zone. Either \$/KG or as a % of Order Total.
Basic Freight Calculations Only	If set to 'Yes', the system only charges the value entered in the 'Basic Consignment Charge (\$/Consignment)' field. The \$/KG rate will not be added.
Basic Consignment Charge (\$/Consignment)	The base charge amount which applies to this zone.
Basic KG Rate (\$/KG)	<p>The dollar per KG rate which applies to the order. This may be used on its own or added to the 'Basic Consignment Charge'.</p> <p>NOTE - This value must be blank if '% of Order Total' is in use.</p>
% of Order Total	<p>The percentage of the total order value that applies to the order as a freight charge. This may be used on its own or added to the 'Basic Consignment Charge'.</p> <p>NOTE - This value must be blank if 'Basic KG Rate (\$/KG)' is in use.</p>
Requires Quote If No Charge	<p>(Versions 3.82+) When no freight options are found, the order is integrated to the ERP as normal to commit stock, but no payment is taken (as freight charges will generally be added manually later).</p> <p>NOTE - Requires the System flag 'Enable Freight Quotes For Bulky Item Orders' to be turned on in order to work.</p>


## Examples

### Flat Rate by Value

In the screenshot below, a freight charge of \$11.50 has been configured for orders up to \$100.00 in value. Note that values are entered as exclusive of GST amounts.

Search For : 
☒ Contains
☐ Starts With

Code	Description	Pack Charge	Min Weight	Max Weight	Max Volume	Free Limit
<input checked="" type="radio"/> POST	Australia Post (orders < \$100)	0.00	0.00	0.00		0.00
<input type="radio"/> POST2	Australia Post (orders over \$100 to \$500)	0.00	0.00	0.00		0.00


[Modify](#) : [New](#) : [Delete](#) : [Charging Zones](#)

4 records. (1 page) 1

**Code :**

**Description :**

**Minimum Freight Charge :**

**Packaging Charge (\$/Kg) :**

**Minimum Carrier Weight (Kg) :**

**Maximum Carrier Weight (Kg) :**

**Maximum Volume (cubic metres) :**

**Order limit for No Charge :**

**Order Value Start Range :**

**Order Value End Range :**

**Do Not Override Customer Carrier Code :**

**Maximum Carrier Item Length :**

**Volume to Weight Conversion Factor :**

**Track and Trace URL :**


**Delivery Instructions :**

Below is the charging zone for the 'POST' carrier code shown above. As this carrier code is applicable Australia-wide, the start and end postcodes have been entered as 0 - 9999.

No charges have been entered on this screen, as the flat rate was entered as the 'Minimum Freight Charge' against the carrier, but a \$/kg charge and a base charge could also be added here. In this case, the greater of the two charges would apply.

Search For : 
☒ Contains
☐ Starts With

Country	Region Description	Starting Postcode for this Zone	Ending Postcode for this Zone	Freight Option Method
<input checked="" type="radio"/> Australia	Australia-wide	0	9999	


[Modify](#) : [New](#) : [Delete](#) : [Carrier Codes](#)

1 records. (1 page) 1

**Country :** Australia

**Region Description :**

**Starting Postcode for this Zone :**

**Ending Postcode for this Zone :**

**Delivery Lead Time :**

**Freight Option Method :**

**Basic Freight Calculations Only :**

**Basic Consignment Charge (\$/Consignment) :**

**Basic KG Rate (\$/KG) :**

**% of Order Total :**


**Requires Quote If No Charge :** No

## Weight and Location Matrix

In the screenshot below, a minimum freight charge of \$20.00 (inc-GST) has been configured for orders between 10 and 50kg via StarTrack Express.

- If the total order value exceeds \$2,000 (inc-GST), there is no charge for this freight option.
- If the order's total weight does not fall between 10 and 50kg, this freight option will not be presented.

Code	Description	Pack Charge	Min Weight	Max Weight	Max Volume	Free Limit	Restricted To Delivery Methods
<input type="radio"/> STAR1 Startrack Express		0.00	0.00	10.00		0.00	No
<input checked="" type="radio"/> STAR2 StarTrack Express		0.00	10.01	50.00		1818.18	No

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5 records. (1 page) 1

**Code :** STAR2

**Description :** StarTrack Express

**Carrier Restricted To Delivery Methods :** No

**Minimum Freight Charge :** 18.18

**Packaging Charge (\$/Kg) :** 0.00

**Minimum Carrier Weight (Kg) :** 10.01

**Maximum Carrier Weight (Kg) :** 50.00

**Maximum Volume (cubic metres) :**

**Order limit for No Charge :** 1818.18

**Order Value Start Range :**

**Order Value End Range :**

**Do Not Override Customer Carrier Code :** No

**Maximum Carrier Item Length :** 0.00


**Volume to Weight Conversion Factor :** 0.00

**Track and Trace URL :** http://www2.startrackexpress.com.au/scripts/webtracktrace.

**Delivery Instructions :**

Once we examine the Charging Zones for the above carrier (STAR2), we see that different base charges and \$/kg rates have been configured for various geographic locations. These will override the Minimum Freight Charge configured against the carrier, as long as these charges are greater.

	Country	Region Description	Starting Postcode for this Zone	Ending Postcode for this Zone	Freight Option Method
<input checked="" type="radio"/>	Australia	NSW	2000		2999 \$/KG Rate
<input type="radio"/>	Australia	QLD	4000		4999 \$/KG Rate

 [Modify](#) : [New](#) : [Delete](#) : [Carrier Codes](#)

2 records. (1 page) 1

**Country :** Australia

**Region Description :** NSW

**Starting Postcode for this Zone :** 2000

**Ending Postcode for this Zone :** 2999

**Delivery Lead Time :** 2

**Freight Option Method :** \$/KG Rate

**Basic Freight Calculations Only :**

**Basic Consignment Charge (\$/Consignment) :** 18.18


**Basic KG Rate (\$/KG) :** 0.45

**% of Order Total :** 0.00

**Requires Quote If No Charge :** No

NSW has a Basic Consignment Charge of \$20.00 (inc-GST), and \$0.50/kg rate. There is a Delivery Lead Time of 2 days.

	Country	Region Description	Starting Postcode for this Zone	Ending Postcode for this Zone	Freight Option Method
<input type="radio"/>	Australia	NSW	2000		2999 \$/KG Rate
<input checked="" type="radio"/>	Australia	QLD	4000		4999 \$/KG Rate

 [Modify](#) : [New](#) : [Delete](#) : [Carrier Codes](#)

2 records. (1 page) 1

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**Country :** Australia  
**Region Description :**   
 Starting Postcode for this Zone :   
 Ending Postcode for this Zone :   
 Delivery Lead Time :   
 Freight Option Method : \$/KG Rate  
 Basic Freight Calculations Only :  
 Basic Consignment Charge (\$/Consignment) :   
 Basic KG Rate (\$/KG) :   
 % of Order Total :   
 Requires Quote If No Charge : No

QLD has a Basic Consignment Charge of \$22.00 (inc-GST), and a \$0.50/kg rate. There is a Delivery Lead Time of 3 days.

## Products with Special Freight


Your business may have some items that need special freight charges, e.g., bulky items. You can configure fixed charges for particular products. These products are added to the list of Special Freight Products with a fixed charge entered, and will be excluded from normal freight calculations.

Example: Product CV100 incurs a \$45.45 (inc-GST) freight charge.

Product Type Freight
Special Freight Products
Freight Own Carriers

Search For :  ☒ Contains ☐ Starts With

	Code	Fixed Charge \$
<input checked="" type="radio"/>	CV100	45.45

 [Modify](#) : [New](#) : [Delete](#)

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**Product Code :**   
**Fixed Charge \$ :**

## Additional Information

<b>Minimum Version Requirements</b>	** ** *
<b>Prerequisites</b>	--
<b>Self Configurable</b>	Yes
<b>Business Function</b>	Freight & Delivery
<b>BPD Only?</b>	No
<b>B2B/B2C/Both</b>	Both
<b>Third Party Costs</b>	n/a

## Related help

- [Allow User's Own Freight Carrier Option](#)
- [Product Discovery & Site Search Widget Library](#)
- [Freight & Fulfillment Widget Library](#)
- [Product Category Widget Library](#)
- [Cluster Category Widget Library](#)