



PayPal Financial Options

FOR SALESFORCE COMMERCE CLOUD



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1 Summary

This Implementation Guide describes how to integrate **paypal_credit_financing_options** version 20.1.3 into Commerce Cloud reference application Store Front Reference Architecture (SFRA) and **int_paypal** version 20.1.3

The **paypal_credit_financing_options** include:

- Credit Financing Options

For more information, contact your PayPal support manager.

2 Component Overview

2.1 Credit Financing Options

The financing calculator is only available for UK-based PayPal merchants. Please reach out to Braintree/PayPal support to enable this feature for your account and get further details.

PayPal UK merchants can use this feature to present financing options, such as installment, same-as-cash, and no-interest options, to buyers paying for goods or services.

For more details check [Credit Financing Options Integration Guide](#)

3 Implementation Guide

3.1 Overview

paypal_credit_financing_options require **int_paypal** cartridge version 20.1.3 to work properly.

3.2 Installation

3.2.1 Import metadata file

1. Upload and import paypal-credit-financial-options.xml from the metadata folder. To do so, go to **Business Manager > Administration > Site Development > Import & Export**. Click on **Upload** and add **paypal_credit_financing_options.xml** file from meta folder in your local file system.
2. Import file from **Import & Export** menu. Click on import in Meta Data section and choose **paypal-credit-financial-options.xml** from the list.

Import & Export



Figure 1. Metadata sections in Import & Export

3.2.2 Add cartridge to cartridge path

Add `paypal_credit_financing_options` into the cartridge path of a target site. To do so, go to **Business Manager > Administration > Sites > Manage Sites > Your Target Site > Settings** and insert `int_paypal` before your cartridges record, as shown in Figure 2.

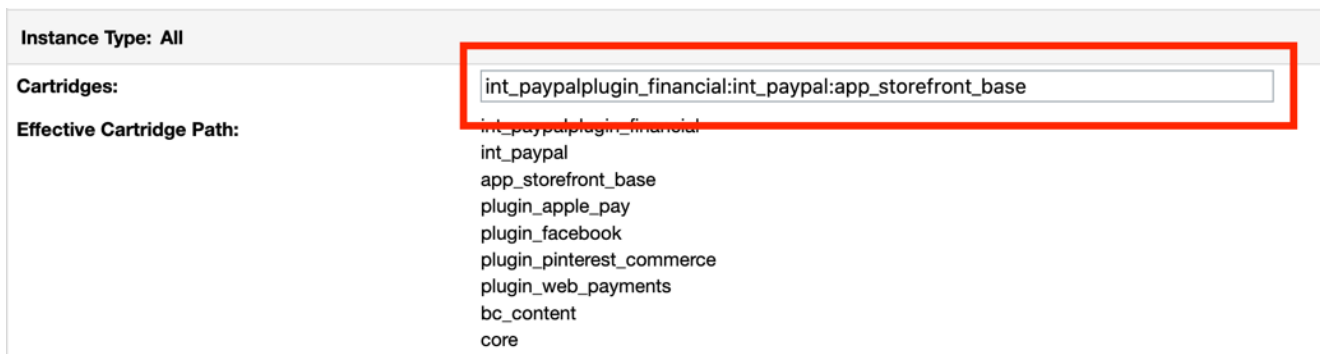


Figure 2. Storefront cartridge path

3.2.3 Enable Custom cache

Custom cache required for fast and stable work on the integration. Navigate to **Business Manager > Administration > Operations > Custom Caches** and check checkbox **Enable Caching**.

One custom cache object used by the integration

1. `paypalCreditFinancingOptions` - custom site preferences cached. Out of the box, the integration supports single site usage and custom preferences are cached. For multiple sites we recommend customizing cache logic in the cartridge.

NOTE: Custom Cache could be disabled for developing or testing purposes. But we don't recommend disabling it on production and staging to avoid performance issue and http calls quota violation.

3.3 Configuration

3.3.1 Updating Cartridge Custom Site Preferences

Go to **Business Manager > Merchant Tools > Site Preferences > Custom Site Preferences**. You'll see new Custom Site Preference Group called **PayPal Credit Financing Options**.

ID	Name	Description	Preferences	View Across Sites
Storefront Configs	Storefront Configurations		14	View
Paypal_Branding	PayPal Branding (NVP)		9	View
Paypal_Express_Checkout	PayPal Express Checkout (NVP)		15	View
Paypal_Checkout	Paypal Configuration		6	View
Paypal_Credit_Messaging	Paypal Credit Messaging		3	View
Paypal_Credit_Financial_O...	PayPal Credit Financing Options and Marketing Solution		4	View

Figure 3. PayPal Credit Financial Options Configuration Custom Site Preferences

Click **View** for PayPal Credit Financial Options. Detailed description about each option is available under preference name on the page.

List of preferences:

- Enable PayPal UK Credit Financial Options Banners - show/hide Financial banners and options.
- Merchant Publisher ID - Merchant Id for credit banners
- Campaign ID for PayPal credit banner - Allow to bind credit banner visibility to existed promotion campaign in business manager.

4 Operation and Maintenance

4.1 Testing

You must obtain your own test account on the [PayPal Developer Portal](#). If you can't create your own PayPal Sandbox account, contact PayPal support.

4.2 Logs

Cartridge uses `int_paypal` mechanism for logging errors.

4.3 SFRA core templates overlay list

The following templates from `app_storefront_base` cartridges been overlay by `int_paypalplugin_financial`

`cart/cart.isml`

`common/scripts.isml`

`home/homePage.isml`

`product/components/descriptionAndDetails.isml`

`product/productTile.isml`

`product/setDetails.isml`

`search/searchResults.isml`

Templates are up to date with SFRA 4.4.1

4.4 Support

To get help and support from PayPal:

- **PayPal Business support** – Go to PayPal’s [Contact Us](#) and log in to your PayPal account.
- **Technical Support** – Go to the [Merchant Technical Support Help Center](#).

5 Examples

5.1 Financing Options API (Installment Calculator -UK merchants only)

To display financial options enable **Enable PayPal UK Credit Financial Options Banners** custom preference.

Financial option will be present at

- Category page - Figure 4
- Product detail page - Figure 5
- Cart page - Figure 6

Displayed options will depend on configuration done at PayPal side.

Reset

Category

Electronics

Televvisions

Flat Screen

Projection

Price

\$100 - \$499.99

\$500 - \$999.99

\$1,000 - \$1,499.99

\$1,500 - \$1,999.99

\$2,000 - \$2,499.99

\$2,500 - \$4,999.99

\$5,000 - \$9,999.99

\$10,000 - \$14,999.99

Brand

☐ Mitsubishi

☐ Pioneer

☐ Samsung

☐ Sanyo

☐ Sony

☐ Vizio

Size

☐ 11 inches

☐ 19 inches

☐ 22 inches

☐ 26 inches

☐ 32 inches

☐ 37 inches

☐ 40 inches

☐ 42 inches

☐ 46 inches

☐ 47 inches

☐ 50 inches

☐ 52 inches

☐ 55 inches

☐ 60 inches

☐ 61 inches

Samsung Series 7 67" LED DLP® High Definition Television

\$2,099.99

From \$97.66 per month

★★★★☆

Sanyo 50" LCD High Definition Television

\$2,996.25

From \$139.34 per month

★★★★★

Sony Bravia® V-Series 42" LCD High Definition Television

\$1,000.00

From \$46.50 per month

★★★★☆

Vizio VO37L 37" LCD High Definition Television

\$699.99

From \$32.56 per month

★★★★☆

Samsung Series 9 55" LCD High Definition Television

\$2,624.99

From \$122.08 per month

★★★★☆

Pioneer 50" KURO Plasma High Definition Television

\$2,999.99

From \$139.52 per month

★★★★★

Sony OLED 11" High Definition Television

\$199.99

From \$9.30 per month

★★★★☆

Mitsubishi Diamond Series 52" LCD High Definition Television

\$1,999.99

From \$93.01 per month

★★★★★


Sony Bravia® W-Series 40" LCD High Definition Television

\$1,499.99 - \$1,199.99

From \$55.81 per month

★★★★★

Figure 4 Financial Options at category page



Electronics / Televisions / Projection

Samsung Series 7 67" LED DLP® High Definition Television

Item No. samsung-hl67a750M ★★★★☆

TV Type: DLP
Size: 67 inches
TV Signal Format: 1080p
Resolution: 1920 x 1080


Quantity
1

Extended Warranty
[\$0.00] None

Availability: In Stock

\$2,099.99

[Add to Cart](#)



Estimate your monthly instalment offer

6 months	12 months	18 months	24 months
Monthly Payment:	\$97.66		
Instalment Rate:	9.99% p.a. (fixed)		
Cost of purchase:	\$2,099.99		
Total inc. interest:	\$2,343.04		

[More information](#)

If you are approved for a credit limit with PayPal Credit and use it for future purchases, the APR for those purchases won't be more than 17.9% and may be even lower.

Representative Example:
Purchase Rate: **17.9%** p.a. (variable)
Representative: **17.9%** APR (variable)
Assumed Credit Limit: **\$2,099.99**

Subject to status. Terms and Conditions apply.

Merchant name as on FCA register acts as a broker and offers credit solely from PayPal (Europe) S.à r.l. et Cie, S.C.A. 22-24 Boulevard Royal, L-2449, Luxembourg

Figure 5 Financial Options at product detail page

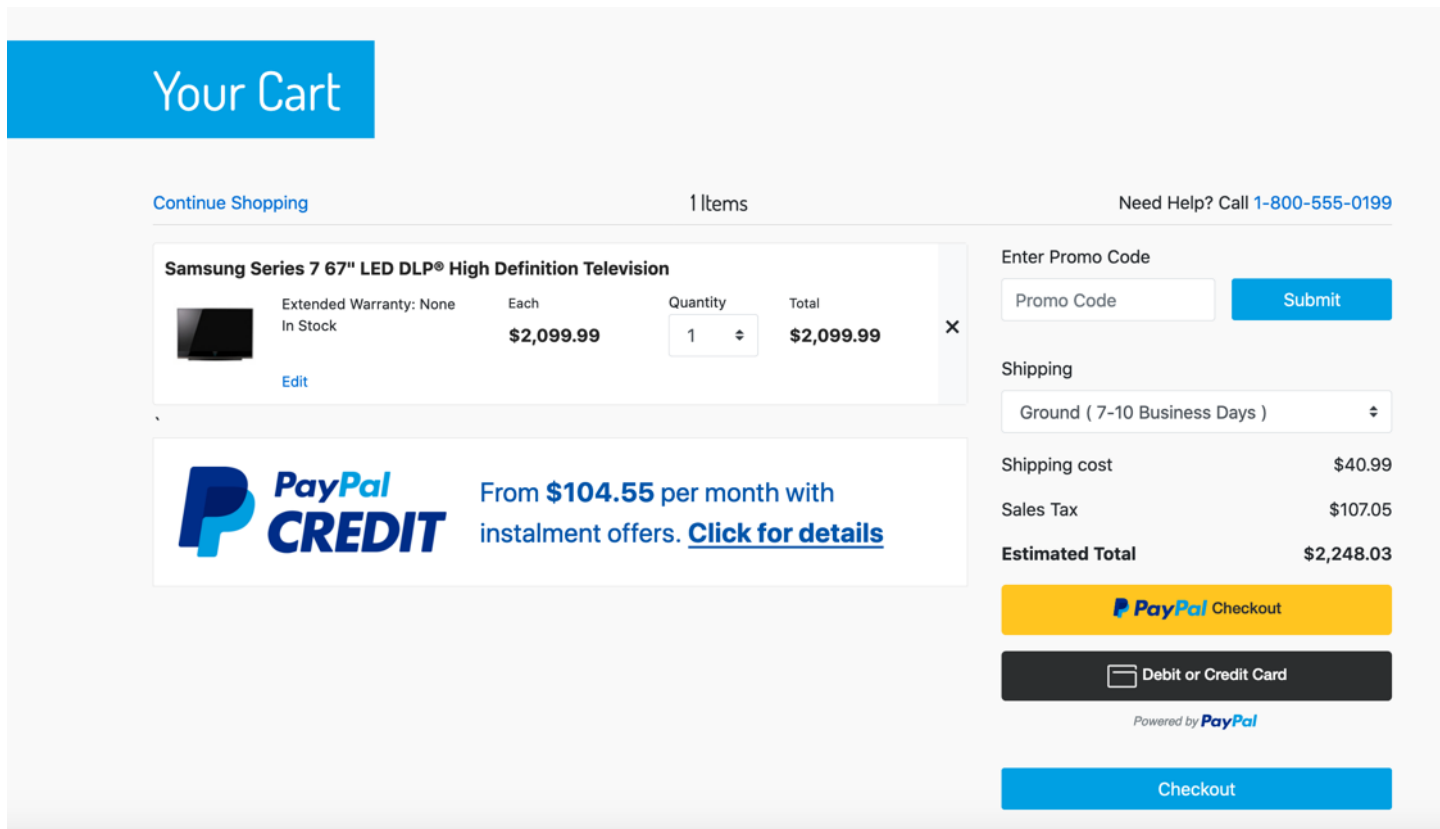


Figure 6 Financial Options at cart page

6 Version and Support Info

6.1 JavaScript Files and Cartridge Version Location

The JavaScript files to be added to your page are located at:

```
int_paypalplugin_financial/cartridge/templates/default/paypalCreditFinancingOptions/allOptionsBanner.isml
```

```
cartridges/int_paypalplugin_financial/cartridge/templates/default/search/searchResults.isml
```

The file with the current version of the PayPal cartridge is located at:

```
int_paypalplugin_financial/cartridge/templates/resources/paypal_financial_version.properties
```

The file with the current version of the SFRA cartridge is located at:

```
app_storefront_base/cartridge/templates/resources/version.properties
```

6.2 SFRA Version Support

PayPal Financial cartridge version 20.1.3 supports SFRA 5.1.0 only.

6.3 Compatibility Mode

Cartridge tested with Compatibility Mode 18.10

7 Service Errors Handling

7.1 Service Timeout Handle

If a PayPal service becomes unavailable, error details can be found in the following logs:

- Error details can be found in the log with the **custom-PayPal** prefix.
- Service request/response details can be found in the log with the **service-PayPalRest** prefix.

For more details about logs, see [Logs](#) section.

8 Known Issues

No reported issues so far.