



BPE 3.0 Plugin Wordpress WooCommerce

Installation manual

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Changes

Version	Date	Change
1.0.0	17-01-2014	First version
1.1.0	26-03-2015	Added AfterPay instructions
2.1.0	15-09-2015	Updated push screenshot

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Table of contents

Changes	2
Table of contents	4
1 Introduction	5
1.1 Supported payment methods	5
2 Settings and information in the Buckaroo Payment Plaza	6
2.1 Settings in the Buckaroo Payment Plaza	6
2.2 Information in the Buckaroo Payment Plaza	8
2.2.1 Finding keys and creating a certificate	8
3 Installation in WooCommerce	11
3.1 Requirements	11
3.2 WooCommerce plugin installation	11
3.3 Check WooCommerce plugin installation	12
4 Plugin configuration	12
4.1 General configuration	12
4.2 Payment methods configuration	13
4.2.1 Payment Guarantee	14
4.2.2 (Simple) SEPA Direct Debit	14
4.2.3 Transfer / Overboeking	15
4.2.4 AfterPay	15

1 Introduction

This is the installation manual for the BPE 3.0 Wordpress WooCommerce extension. The latest plugin is made for WooCommerce version 2.3.x.

1.1 Supported payment methods

- Bancontact / Mister Cash
- Creditcards
- SEPA Direct Debit with Credit Management
- eMaestro
- Giftcards
- Giropay
- iDEAL
- Payment Guarantee
- PayPal
- Paysafecard
- Sofortbanking
- Transfer / Overschrijving
- AfterPay

2 Settings and information in the Buckaroo Payment Plaza

2.1 Settings in the Buckaroo Payment Plaza

For the installation of the Buckaroo module you need to configure some settings in the Buckaroo Payment Plaza.

Follow these steps:

1. Login on the Buckaroo Payment Plaza (<https://payment.buckaroo.nl>)
2. Go to Profile > Websites > your website
3. Here you find the following options:

General	Redirect	Push settings	3.0 Settings	2.0 Settings
Key	Website Key			
Name	Website name			
Url	http://www.website.com			

Figure 1. Settings under the General tab in the Buckaroo Payment Plaza

4. The tab Redirect can be left empty.

General	Redirect	Push settings	3.0 Settings	2.0 Settings
URI success				
URI reject				
URI cancel				
URI failure				

Figure 2. Redirect settings in the Buckaroo Payment Plaza

5. For the Push settings tab you need to setup the following settings:

General	Redirect	Push settings	3.0 Settings	2.0 Settings
Delayed and Push responses		<input checked="" type="checkbox"/> Enable Push Response <input type="checkbox"/> Disable auto-redirect via browser (if Push Response is enabled) <input type="checkbox"/> Enable Push for Refunds <input type="checkbox"/> Enable Push for Administration costs <input type="checkbox"/> Enable Push for Email Bounces ⓘ		
Push URI Success		<a href="http://<base URL from your website>/?wc-api=WC_Push_Buckaroo">http://<base URL from your website>/?wc-api=WC_Push_Buckaroo		
Push URI Failure		<a href="http://<base URL from your website>/?wc-api=WC_Push_Buckaroo">http://<base URL from your website>/?wc-api=WC_Push_Buckaroo		
URI Email bounces				
HTTP-Method		POST ▾		
Push type		BPE3.0 ▾		
Hash method		SHA1 ▾		
3.0 BPE return fields		Lowercase letters ▾ ⓘ		
Soap push		<input type="checkbox"/> Enable Push in soap-formaat <input type="checkbox"/> Send with 'soapaction' http-header <input type="checkbox"/> Verify response signature and transaction key		
Soap Action value				
E-Mail push Failure		your@emailaddress.com		

Figure 3. Push settings in the Buckaroo Payment Plaza

a. Activate the checkbox "Enable Push Response".

b. The fields "Push URI Success" and "Push URI Failure" should both be filled with the URL website. The correct URL is

`http://<base URL from your website>/?wc-api=WC_Push_Buckaroo`

Usually the base URL for the website has the form 'www.yourwebsite.nl'.

There are some exceptions. Often this is something like 'www.yourwebsite.nl/index.php' or 'www.yourwebsite.nl/NL' or a combination of both. To find out what base URL is used go to the first page in the web shop, click on some links in the shop and check the URL in your browser address field. The part of the URL that stays the same for every page is your base URL.

c. HTTP-Method must be "POST".

d. For "Push type" select "BPE3.0".

e. For "Hash method" select "SHA1".

f. For "BPE 3.0 return fields" select "Lowercase letters".

g. The option "E-Mail push failure" is optional. If this field is filled with an email address we send an email if the push message can't be send.

6. The tab 3.0 Settings

General	Redirect	Push settings	3.0 Settings	2.0 Settings
Gateway language selection enabled				<input type="checkbox"/>
Enable double encoding of redirect data				<input type="checkbox"/> ?
Allow test transactions				<input checked="" type="checkbox"/> ?
Automatic disabling of 'Allow test transactions' setting				<input checked="" type="checkbox"/> ?
Send an email notification when a transaction completes.				<input type="checkbox"/> ?
Email address for the payment complete notification				<input type="text"/>

Figure 4. 3.0 Settings in the Buckaroo Payment Plaza

- With the option "Gateway language selection enabled" you can set if the customer sees a language selection option on the Buckaroo Payment pages.
- The option "Enable double encoding of the redirect data" must be deactivated.
- The option "Allow test transactions". This option should be activated if you want to do test transactions. If this option is deactivated the test transactions are rejected by Buckaroo.
- The option "Automatic disabling of 'Allow test transactions' setting". If this option is activated the option above will be deactivated if there are no test transactions don in 2 weeks. Deactivating this option should only be done for test websites.
- The option "Send an email notification when a transaction completes". If activated Buckaroo will send an email on a successful transaction to the general email address.

7. The tab 2.0 Settings

This tab does not have any settings.

2.2 Information in the Buckaroo Payment Plaza

2.2.1 Finding keys and creating a certificate

For message verification purposes you need some keys and a certificate. These are needed in the module at a later moment.

Website Key:

The Website Key can be found on the payment plaza under: *Profile > Websites > your website* (see figure 5).

General	Redirect	Push settings	3.0 Settings	2.0 Settings
Key		Website Key		
Name		Website name		
Url		http://www.website.com		

Figure 5. Finding the Website Key

Secret Key:

The Secret Key can be found in the Payment Plaza via *Profile > Security > Secret Key*. If the secret key field is still empty you need to fill in a secret key.

Secret Key for Digital Signature

By using a digital signature it is possible to verify the sender of a message. We use this method to verify if a transaction request is sent by you or not. You must also use this to verify if any response message is actually sent by Buckaroo. To be able to use this method, please provide us with a secret key. This secret key will be used to calculate the correct digital signature using the desired algorithm (see also page 'websites' under your profile). This signature can be sent along with the transaction, or can be received along with a response message from the response page or push messages.

Secret Key

A secret key may contain only alphanumeric characters!

Save

Test Signature Calculation (BPE3.0)

Figure 6. Secret Key

Making a certificate:

The certificate option can be found in the Payment Plaza via *Profile > Security > Certificates*. Click on the button Make certificate.

Upload certificate		Make certificate			
	Original file name	Purpose	Valid from	Valid thru	Thumbprint
▶		SOAP gateway	16.05.2014	16.05.2024	0B8584F23CEF8A58664765093DB80667CF2CC8F5
▶		General	07.11.2014	07.11.2024	10E0C3622DD007566A847F60C97DA0EA88C38642

Figure 7. Certificates in de Payment Plaza

In the popup use the following settings;

Export key as: PEM

Purpose: General

Active: Ticked

Make certificate ✕

Generates a new certificate signed by Buckaroo with a validity of 10 years. The private key for this certificate is offered as a download in three possible file formats. Make sure to store this private key in a secure location. Please note that Buckaroo does not store your private key, only the public key/certificate, therefore it is not possible to redownload previously generated private keys.

Export key as: PEM

Purpose: General

Active ☒

Generate

Figure 8. Settings for the certificate

Click the Make certificate button, download and save the file. Don't change the file name. The file is your private key that is used by the module for signing the messages to Buckaroo. Store this file in a safe location, it is not possible to download the file again from the Payment Plaza. If you lose the file you need to make a new certificate. After the download you can close the popup. The certificate is now visible in the list. In the last column you see the Thumbprint (see figure 7). The Thumbprint is also needed in the module. Make sure that you use the Thumbprint for the certificate you just made (date-time). If a wrong Thumbprint is set in the module all transactions will be rejected.

3 Installation in WooCommerce

3.1 Requirements

- Een SOAP client voor PHP moet geactiveerd zijn (<http://php.net/manual/en/soap.installation.php>)
- WordPress should be installed (<http://wordpress.org/download/>)
- Wocommerce should be installed (<http://wordpress.org/plugins/woocommerce/>)

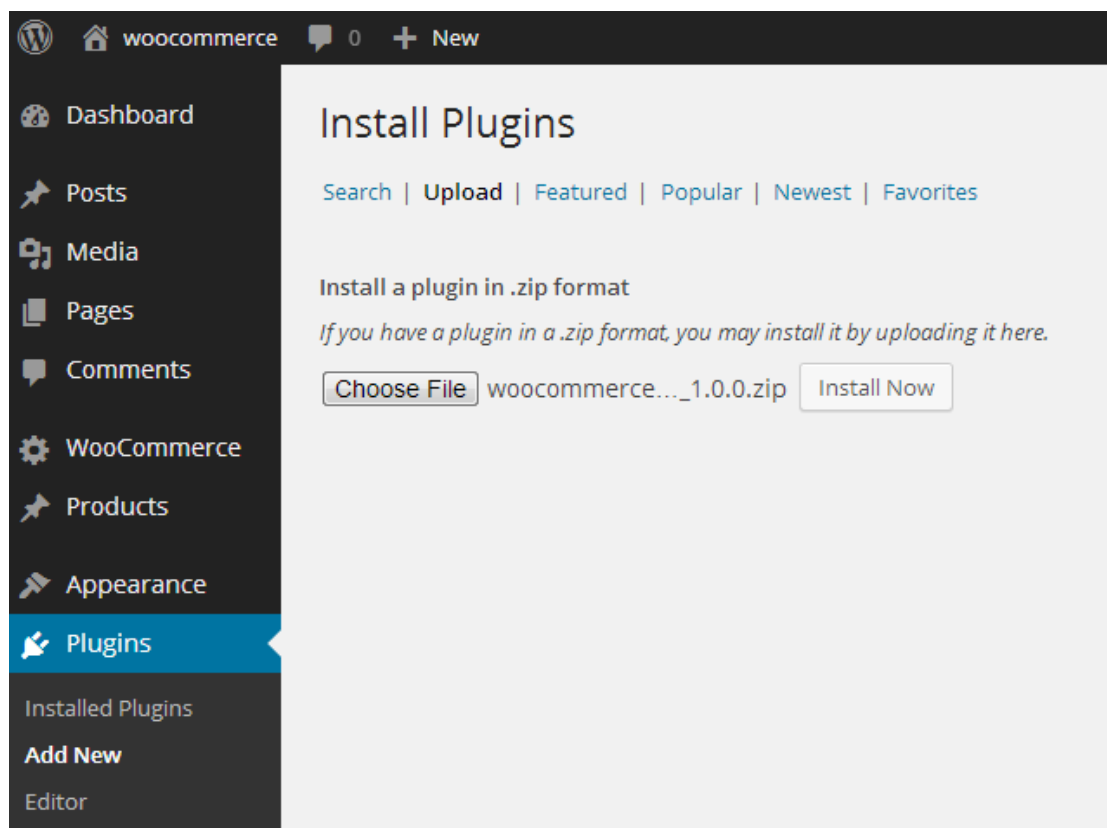
Download the latest plugin version here:

<http://www.buckaroo.nl/zakelijk/partners/plugins/woocommerce/>

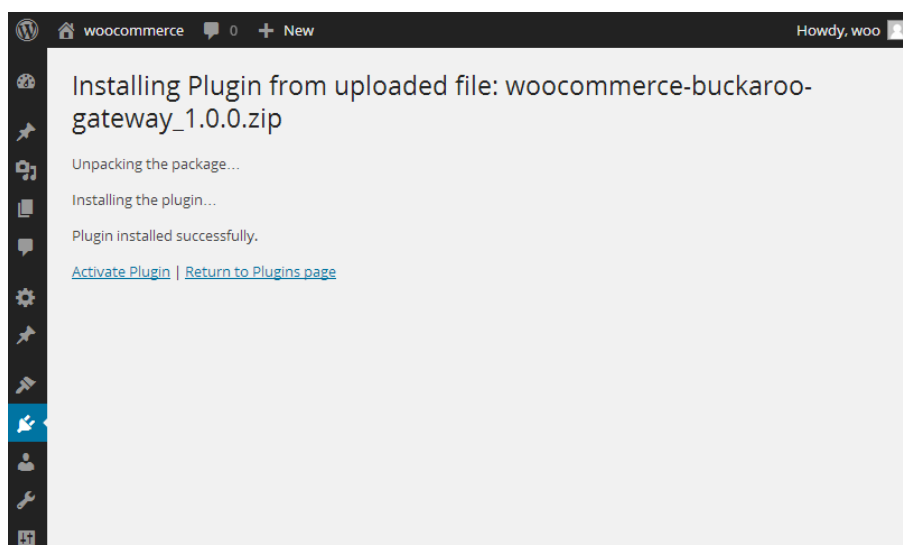
3.2 WooCommerce plugin installation

Login to the WooCommerce admin panel.

Go to Plugins, choose Add new Plugin.



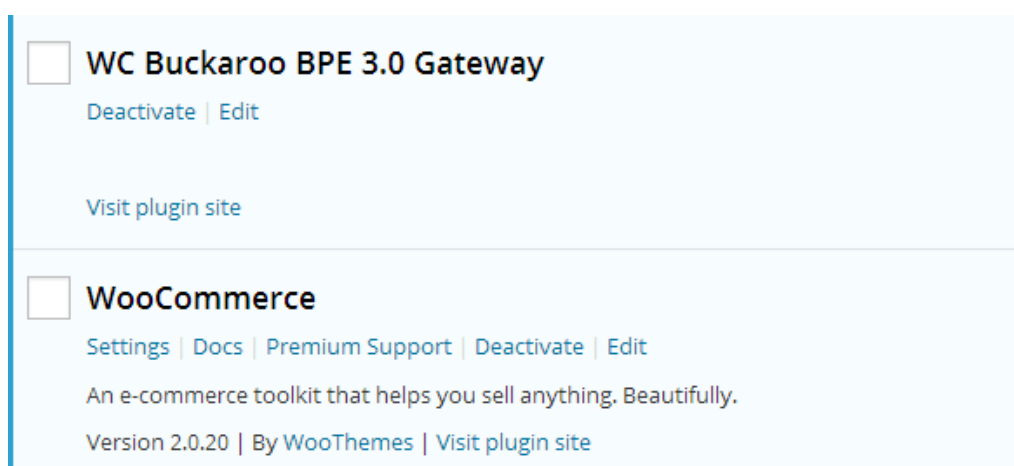
Click Choose file. Navigate to the WooCommerce zip file and choose Install Now.



The plugin can be activated by the Activate Plugin link.

3.3 Check WooCommerce plugin installation

Go to Plugins and check if WC Buckaroo BPE 3.0 Gateway is activated. If it isn't, click Activate.



4 Plugin configuration

4.1 General configuration

Go to WooCommerce -> Settings -> Payment gateways.

Click on the Buckaroo payment plugin. The following settings must be filled.

Mode (Test/Live)	Set the module in "test" or "live" mode. Note: Test transaction are normally disabled for a live account. See chapter 2.1 step 6 for the settings for test transactions.
Merchant key*	Provide your websitekey from the Payment Plaza.
Secret key*	Provide your Secret Key from the Payment Plaza.

Certificate*	Select your certificate file.
Certificate thumbprint*	Provide your thumbprint from the Payment Plaza.
Transaction label	Provide your transaction information. Transaction information enables you identify your shop in the Payment Plaza.
Language	Select which language will be provided in the Buckaroo payment screens.

(* For information about this field see chapter 2)

The screenshot shows the 'Buckaroo iDeal Payment Method' configuration page in the WooCommerce admin. The settings are as follows:

- Enable/Disable:** ☒ Enable Buckaroo iDeal Payment Method
- Title:** iDeal
This controls the title which the user sees during checkout.
- Description:** Betaal met iDeal
This controls the description which the user sees during checkout.
- Merchant key:** [Empty field]
This is your Buckaroo payment plaza Website key.
- Secret key:** [Empty field]
The Secret password to verify transactions
- Transaction Mode:** Test (dropdown)
Transaction mode used for processing orders
- Certificate:** BuckarooPrivateKey.pem
Please enter certificate name. Certificate should be uploaded to "C:\http\woocom\wp-content\plugins\woocommerce-buckaroo-gateway\library\certificate" directory.
- Certificate thumbprint:** [Empty field]

4.2 Payment methods configuration

Some payment methods have additional options. Go to Store Settings -> Payment methods.

The following payment methods have additional settings:

- Payment Guarantee
- (Simple) SEPA Direct Debit
- Transfer
- AfterPay

4.2.1 Payment Guarantee

Number of days to the date that the order should be paid	How many days are there between the order date and the invoice date. The invoice date is the date after which the customer should pay.
Send email	Buckaroo will send an email after a guarantee request was successful.
Allowed payment methods	Select the payment methods the customer can use to pay the invoice.

Number of days between order and invoice

14

Maximum days of delay 30.

Send Email

No 

Send Buckaroo Payment Plaza e-mail to customer.

Allowed payment methods

IDEAL
Overboeking (SEPA Credit Transfer)
Mastercard
Visa

4.2.2 (Simple) SEPA Direct Debit

Use credit management	Buckaroo sends payment reminders to the customer. Contact Buckaroo before activating Credit Management. By default this is excluded in the contract.
Invoice delay (in days)	Specify the amount of days before the invoice should be paid.
Due date (in days)	Specify the number of days the customer has to complete their payment before the first reminder e-mail will be sent by Buckaroo.
Max reminder level	Select the maximum reminder level Buckaroo will use.
Allowed payment methods	Select the payment methods the customer can choose to pay the invoice.

Use Credit Management

Buckaroo sends payment reminders to the customer. (Contact Buckaroo before activating Credit Management. By default this is excluded in the contract.)

Invoice delay (in days)

Specify the amount of days before Buckaroo invoices the order and sends out the payment mail.

Due date (in days)

Specify the number of days the customer has to complete their payment before the first reminder e-mail will be sent by Buckaroo.

Max reminder level

Select the maximum reminder level buckaroo will use.

Allowed payment methods

- iDEAL
- Overboeking (SEPA Credit Transfer)
- Mastercard
- Visa
- eMaestro
- Giropay

4.2.3 Transfer / Overboeking

Send payment email *	Buckaroo sends email to customer with the bank transfer information.
Number of days to the date that the order should be paid *	Number of days in which the payment is expected. The date is used in the email.
Show payment procedures	Show bank transfer information on the return page.

Number of days till order expire

Number of days to the date that the order should be payed.

Send Email

Buckaroo sends an email to the customer with the payment procedures.

Show payment procedures

Show payment procedures on Thank You page after payment confirmation.

4.2.4 AfterPay

Select AfterPay service	Which service you want to use for processing the payment. For questions, contact support@buckaroo.nl .
Default product Vat type	Provide the default VAT type for your products. This is a required field.

Select afterpay service

Offer customer to pay afterwards by SEPA Direct Debit. ▾

Please select the service

Default product Vat type

2 = Low rate ▾

Please select default vat type for your products

There are currently 5 VAT types. If you sell different kinds of products that require different VAT types, do the following:

Go to the Product page and select Edit product. Then select the Attributes tab.

Product Data — Simple product ▾

Virtual: ☐ Downloadable: ☐

General

Inventory

Shipping

Linked Products

Attributes

Advanced

Expand all

Close all

Save attributes

Custom product attribute ▾

Add

Next, add the attribute **vat_category** to the product as an invisible attribute. Set value from 1 to 5 according to the product VAT category type. This attribute will overrule the default product VAT type setting.

Product Data — Simple product ▾

Virtual: ☐ Downloadable: ☐

General

Inventory

Shipping

Linked Products

Attributes

Advanced

Expand all

Close all

vat_category

Remove

Name: vat_category

Value(s): 1

☐ Visible on the product page

Save attributes

Custom product attribute ▾

Add