

Overview

Submit Charge API allows you to submit a payment transaction to collect money from the customer. The API requires HMAC signature, please refer to *API Authentication* for more information about the signature.

API Endpoint	https://{server.com}/api/v3/charges
Method	POST
Content Type	Application-json

Payment Flow

1. The customer chooses *Cards* as a payment method, fills in the payment information, and submits the payment.
2. The merchant submits the payment request to PayAmigo platform
3. The PayAmigo platform process a payment transaction
4. Acquirer responds to PayAmigo successfully, the transaction is in charged status
5. The PayAmigo platform responds to the merchant, with transaction status "CHARGED"
6. The PayAmigo platform notifies the merchant the final payment result
7. As an option, the merchant can save the stored payment id so when the same customer returns, he/she will need to enter just CVV to complete the purchase.

Refer to *Real-Time Notifications* for more information about the notification.

Request Parameters

Field	Required	Description
command	Y	Fixed as "CHARGE"
id	Y	1-100 chars, letter, number and hyphen are allowed. The unique transaction ID specified by the merchant. It fails if a 2nd charge request with the same transaction ID
customer.id	Y	1-100 chars, letter,number and hyphen are allowed. Customer id specified by the merchant. For a same customer please use the same ID, it helps CS to identify

		fraud
customer.firstName	Y	string of length 0 to 50. First name of customer
customer.lastName	Y	string of length 0 to 50. Last name of customer
dateOfBirth	Y	string of length 0 to 10. Customer date of birth in yyyy-mm-dd format
ipAddress	Y	string of length 0 to 16. Customer IP address
lineItem.currency	Y	Currency ISO code. • Brazil: BRL
lineItem.amount	Y	The amount to collect
lineItem.description	Y	The product's description. 1-100 chars
lineItem.sku	Y	SKU (Stock Keeping Unit) of the product.
lineItem.name	Y	Product Name
payment.paymentMethod	Y	Fixed as "CREDIT_CARD" in uppercase.
payment.countryCode	Y	The ISO country code of the customer Brasil: BR
payment.accountHolder	Y	The customer's subscription ID.
payment.cardNumber	Y	Customer credit/debit card number
payment.expirationDate	Y	Expiration Date of credit card in yyyyyyyy-MM format.
payment.securityCode	Y	Security Code or CVV of customer's card
payment.documentType	Y	String. Fixed as CPF for Brazil
payment.document	Y	String. CPF number
payment.emailAddress	Y	string of length 0 to 100. Customer email address
payment.streetAddress	Y	String of length 0 to 100 Customer billing address first line

payment.streetAddress2	Y	String of length 0 to 100. Customer billing address second line
payment.city	Y	string of length 0 to 30 Customer city name
payment.postalCode	Y	string of length 0 to 20 Customer postal code
payment.stateProvince	Y	string of length 0 to 20 Customer state or province abbreviation (or full name in some countries)
payment.countryCode	Y	string of length 2 to 2 ISO 3166-1 alpha-2 customer country code.
metadata.callbackURL	N	The callback URL to receive real-time notifications. If it is not present, notifications are sent to the url configured in merchant's profile
metadata.customerStatus	Y	Customer who logged in. Possible values: "{customer_login}" (if the final customer logs in to purchase on the site) / "Guest" (if the final customer makes the purchase as a visitor).
metadata.saleChannel	Y	Sales channel. Possible values: "Call Center" (phone purchase) / "Web" (web purchase) / "Portal" (purchase through agent) / "Kiosk" (kiosk purchase) / "Mobile" (cell phone or tablet purchases).
metadata.createStoredPaymentProfile	N	Boolean. PayAmigo will issue a token to use it for subsequent purchases. Customer needs to provide CVV.

Sample Request

```
{
  "command": "CHARGE",
  "id": "202110092221",
  "customer": {
    "id": "TestUser",
    "firstName": "Jacob",
    "lastName": "Test",
    "email": "test@test.com",
    "dateOfBirth": "1987-11-23",
    "ipAddress": "127.0.0.1"
  },
  "lineItem": {
    "currency": "BRL",
    "amount": 12,
    "description": "5 Golden Rings",
    "sku": "2013243223",
    "name": "ItemName",

```

```
},
"payment": {
  "paymentMethod": "CREDIT_CARD",
  "accountHolder": "Card Holder",
  "cardNumber": "411111111111004",
  "expirationDate": "2023-06",
  "securityCode": "123",
  "documentType": "CPF",
  "document": "0923432423",
  "streetAddress": "Alameda Xingu",
  "streetAddress2": "606",
  "city": "Sao Paulo",
  "postalCode": "12345678",
  "stateProvince": "SP",
  "countryCode": "BR"
},
"metadata": {
  "callbackURL": "https://merchant.com/listener/for/callback",
  "deviceId": "23423i123423ljo23423io2342",
  "customerStatus": "Guest",
  "saleChannel": "Web",
  "createStoredPaymentProfile: true
}
}
```

Response Fields

To validate a payment is successful, you can follow these steps:

1. Check HTTP status, should be 201
2. Check the \$.status field in json response. Should be "CHARGED"

Field	Description
id	The unique transaction ID specified by the merchant.
internalId	The unique PayAmigo transaction ID generated by the system.
status	Transaction status, possible values are: CHARGED -- the payment is completed ERROR -- the payment is failed DECLINED -- the payment is declined by the gateway, it has failed.

merchantAccount	The merchant account name
lineItem	Echo the lineItem information submitted by the merchant
transactions	An array of transactions denoting the transaction activities
transactions[n].timestamp	The time of the activity performs, in UTC
transactions[n].	Historical details about this charge
transactions[n].gatewayProvidedId	The transaction ID on Acquirer side
transactions[n].type	Activity type, must be "CHARGE"
transactions[n].state	Activity status APPROVED - the transaction is completed ERROR - the transaction is failed with error, please refer to 'resultCode' & 'responseText' for the error detail. DECLINED - the transaction is declined
transactions[n].amount	Activity amount
transactions[n].currency	Activity currency in ISO code format
transactions[n].resultCode	Activity result code Refer to " <i>Hard Decline & Result Codes</i> " for more detail
transactions[n].responseText	Description of the result code.
paymentType	It is "CREDIT_CARD" for credit/debit cards.
paymentMethod	Customer method of payment. Typical values are VISA, MASTERCARD, AMERICAN_EXPRESS
created	Time this charge was first submitted in ISO-8601 format
paymentProfile.id	Id of the saved payment profile on PayAmigo system

Sample Response for cards.

Refer to \$.status, if it is "CHARGED", show a successful page to the customer.

```
{
  "id": "202110092221",
  "internalId": "dsfs6sd8fs6ds76fdsdd",
  "status": "CHARGED",
  "merchantAccount": "Demo_Merchant",
  "lineItem": {
```

```
{
  "currency": "BRL",
  "amount": 12,
  "description": "5 Golden Rings",
  "sku": "2013243223",
  "name": "ItemName"
},
"transactions": [
  {
    "timestamp": "2021-10-09T08:47:29Z",
    "gatewayProvidedId": "02497b02-c03a-482e-82ce-75552eaec7ae",
    "type": "CHARGE",
    "state": "APPROVED",
    "amount": 12,
    "currency": "BRL",
    "resultCode": 0,
    "responseText": "Success"
  }
],
"paymentType": "CREDIT_CARD",
"paymentMethod": "VISA",
"created": "2021-10-09T08:47:26Z",
"paymentMethod": {
  "id": "234234234234"
}
}
```

Sample request for the purchase with stored payment profile of returning customer.

```
{
  "command": "CHARGE",
  "id": "2021100932",
  "customer": {
    "id": "TestUser",
    "firstName": "Jacob",
    "lastName": "Test",
    "email": "test@test.com",
    "dateOfBirth": "1987-11-23",
    "ipAddress": "127.0.0.1"
  },
  "lineItem": {
    "currency": "BRL",
    "amount": 12,
    "description": "5 Golden Rings",
  }
}
```

```
"sku": "2013243223",
"name": "ItemName",
},
"payment": {
  "storedPaymentProfileId": "234234234234",
  "securityCode": "123",
  "countryCode": "BR"
},
"metadata": {
  "callbackURL": "https://merchant.com/listener/for/callback",
  "deviceId": "234231l23423ljo23423io2342",
  "customerStatus": "Guest",
  "saleChannel": "Web",
  "createStoredPaymentProfile": true
}
}
```

Sample Error Response

If you receive \$.status = "ERROR" or "DECLINED", the payment is failed. Refer to transactions[0].responseText for the detailed error reason.

```
{
  "id": "202110092223",
  "internalId": "dsfs6sd8fs6ds76fdsdd",
  "status": "ERROR",
  "merchantAccount": "Demo_Merchant",
  "lineItem": {
    "amount": 12,
    "currency": "BRL",
    "description": "5 Golden Rings",
    "taxCode": "NT",
    "taxIncludedInPrice": true
  },
  "transactions": [
    {
      "timestamp": "2021-10-11T04:08:01Z",
      "type": "CHARGE",
      "state": "ERROR",
      "amount": 12,
      "currency": "BRL",
      "resultCode": 160,
      "responseText": "The following required inputs are missing or invalid:
countryCode"
    }
  ],
  "paymentType": "CREDIT_CARD",
  "paymentMethod": "VISA",
  "created": "2021-10-11T04:08:00Z"
}
```

Sample Hard Declined Response

You receive the hard declined error for any integration error. HTTP status is not 2xx in this case.

```
{
  "requestId": "080bb40e-f3a6-484b-9a87-5b2ab45ad251",
  "errorCode": "entity_conflict_error",
  "message": "Data conflict: Duplicate entry '20210618001-202110092221'
for key 'PURCHASE_RECORD_UK1'"
}
```