

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 For Recurring transactions

1. The customer chooses *Cards* as a payment method, fills in the payment information, and submits the payment.
2. The merchant submits the INITIAL payment request to PayAmigo platform
3. The PayAmigo platform processes a payment transaction with a payment provider
4. Payment provider responds to PayAmigo successfully, the transaction is in charged status and the payment profile is saved for recurring transactions.
5. The PayAmigo platform responds to the merchant, with transaction status “CHARGED” and Payment profile to be used for subsequent recurring purchases.
6. The PayAmigo platform notifies the merchant the final payment result

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

Request Parameters For Initial Charge.

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 PayAmigo to identify fraud

lineltem.currency	Y	Currency ISO code. • Brazil: BRL
lineltem.amount	Y	The amount to collect
lineltem.description	Y	The product's description. 1-100 chars
payment.paymentMethod	Y	Fixed as "CREDIT_CARD" in uppercase.
payment.countryCode	Y	The ISO country code of the customer Brazil: 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 yyyy-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.
recurrence.type	Y	Fixed as "INITIAL". It's used to signify the first transaction for recurring flow.
metadata.callbackURL	N	The callback URL to receive real-time notifications. If it is

RL		not present, notifications are sent to the url configured in merchant's profile
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Sample Request

```
{
  "command": "CHARGE",
  "id": "202110092221",
  "customer": {
    "id": "TestUser"
  },
  "lineItem": {
    "currency": "BRL",
    "amount": 12.7,
    "description": "5 Golden Rings"
  },
  "payment": {
    "paymentMethod": "CREDIT_CARD",
    "accountHolder": "Card Holder",
    "cardNumber": "4111111111111111",
    "expirationDate": "2025-06",
    "securityCode": "123",
    "documentType": "CPF",
    "document": "09234324231",
    "emailAddress": "abc@xyz.com",
    "phoneNumber": "123456789",
    "streetAddress": "Alameda Xingu",
    "streetAddress2": "606",
    "city": "Sao Paulo",
    "postalCode": "12345678",
    "stateProvince": "SP",
    "countryCode": "BR"
  },
  "recurrence": {
    "type": "INITIAL"
  },
  "metadata": {
    "callbackURL": "https://merchant.com/listener/for/callback"
  }
}
```

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 in Eccentric
transactions[n].type	Activity type, must be "CHARGE"
transactions[n].state	Activity status APPROVED - the transaction is completed ERROR - the transaction failed with an 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	Payment profile Id to be used for recurring transactions.

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": {
    "amount": 12.7,
    "currency": "BRL",
    "description": "5 Golden Rings",
    "taxCode": "NT",
    "taxIncludedInPrice": true
  },
  "transactions": [
    {
      "timestamp": "2021-10-09T08:47:29Z",
      "gatewayProvidedId": "02497b02-c03a-482e-82ce-75552eaec7ae",
      "type": "CHARGE",
      "state": "APPROVED",
      "amount": 12.34,
      "currency": "BRL",
      "resultCode": 0,
      "responseText": "Success"
    }
  ],
  "paymentType": "CREDIT_CARD",
  "paymentMethod": "VISA",
  "created": "2021-10-09T08:47:26Z",
  "paymentProfile": {
    "id": "23498374972"
  }
}
```

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": 12.7,
    "currency": "BRL",
    "description": "5 Golden Rings",
```

```
    "taxCode": "NT",
    "taxIncludedInPrice": true
  },
  "transactions": [
    {
      "timestamp": "2021-10-11T04:08:01Z",
      "type": "CHARGE",
      "state": "ERROR",
      "resultCode": 1170,
      "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'"
}
```

Request Parameters For Recurring Charge.

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 PayAmigo to identify fraud
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
payment.storedPaymentProfileId	Y	PaymentProfile Id that was provided in response to the INITIAL charge request.
payment.countryCode	Y	String of length 2 to 2 ISO 3166-1 alpha-2 customer country code.
recurrence.type	Y	Fixed as "RENEWAL". It's used to signify the subsequent recurring transaction for recurring flow.

Sample request

```
{
  "command": "CHARGE",
  "id": "202110092221",
  "customer": {
    "id": "TestUser"
  },
  "lineItem": {
    "currency": "BRL",
    "amount": 12.7,
    "description": "5 Golden Rings"
  },
  "payment": {
    "storedPaymentProfileId": "23423423423432",
    "countryCode": "BR"
  },
  "recurrence": {
```

```
"type": "RENEWAL"
}
}
```

Sample Response for Recurring transaction

Refer to \$.status

```
{
  "id": "202110092221",
  "internalId": "dsfs6sd8fs6ds76fdsdd",
  "status": "CHARGED",
  "merchantAccount": "Demo_merchant",
  "lineItem": {
    "amount": 12.7,
    "currency": "BRL",
    "description": "5 Golden Rings",
    "taxCode": "NT",
    "taxIncludedInPrice": true
  },
  "transactions": [
    {
      "timestamp": "2021-10-09T08:47:29Z",
      "gatewayProvidedId": "02497b02-c03a-482e-82ce-75552eaec7ae",
      "type": "CHARGE",
      "state": "APPROVED",
      "amount": 12.34,
      "currency": "BRL",
      "resultCode": 0,
      "responseText": "Success"
    }
  ],
  "paymentType": "CREDIT_CARD",
  "paymentMethod": "VISA",
  "created": "2021-10-09T08:47:26Z"
}
```