

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 *Yape* 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 submit the collection payment request to Yape
4. If Yape responds to Payamigo successfully, the transaction goes into pending status
5. The Payamigo platform responds to the merchant, with transaction status "CHARGE_PENDING"
6. The customer completes the payment with Yape.
7. Yape notifies Payamigo the final payment result.
8. The Payamigo platform notifies the merchant of the final payment result.

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

lineItem.currency	Y	Currency ISO code. • Peru: PEN
lineItem.amount	Y	The amount to collect
lineItem.description	Y	The product's description. 1-100 chars
payment.paymentMethod	Y	Fixed as "YAPE"
payment.phoneNumber	Y	Phone number associated with the Yape account used for the payment. Example: 51999999999
payment.pin	Y	One-time password (OTP) generated by the Yape app to authenticate and confirm the payment.
payment.countryCode	Y	The ISO country code of the customer Argentina: PE
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

Sample Request

```
{
  "command": "CHARGE",
  "id": "202110092221",
  "customer": {
    "id": "TestUser"
  },
  "lineItem": {
    "currency": "PEN",
    "amount": 12.00,
    "description": "5 Golden Rings"
  },
  "payment": {
    "paymentMethod": "YAPE",
    "countryCode": "PE",
    "phoneNumber": "51999999999",
    "pin": "20313342042"
  },
  "metadata": {
    "callbackURL": "https://requestbin.net/r/zhim1vgq"
  }
}
```

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 "CHARGE_PENDING"

Field	Description
id	The unique transaction ID specified by the merchant.
status	Transaction status, possible values are: CHARGE_PENDING -- the payment is pending ERROR -- the payment is failed DECLINED -- the payment is declined by the gateway, it has failed. Refer to <i>Purchase Record status</i> for all status
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].gatewayProvidedId	The transaction ID on processor's side
transactions[n].type	Activity type, must be "CHARGE"
transactions[n].state	Activity status PENDING - the transaction is pending APPROVED - the transaction is completed ERROR - the transaction is failed with error DECLINED - the transaction is declined by MTN
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 "WALLET"
paymentMethod	Fixed as "YAPE"
paymentOption.type*	Fixed as "OFFSITE". Indicates that a customer needs to be redirected to offsite to complete the payment/verification.
paymentOption.offsiteMet	Fixed as "GET". Determines if the paymentServiceURL

hod*	should be redirected to with a HTTP GET.
paymentOption.uiType*	Fixed as "IFRAME". Indicate that the off site has no constraints and should render properly regardless of if it is displayed in an iframe.
paymentOption.paymentServiceURL*	URL to where you should redirect (HTTP GET) the customer to complete the payment.

Sample Response

Refer to \$.status, if it is "CHARGE_PENDING", show a successful page to the customer and instruct the customer to complete the transaction on its cell phone.

```
{
  "id": "202110092221",
  "status": "CHARGE_PENDING",
  "merchantAccount": "TestMerchant",
  "lineItem": {
    "amount": 12.00,
    "currency": "PEN",
    "description": "5 Golden Rings",
    "taxCode": "NT",
    "taxIncludedInPrice": true
  },
  "transactions": [
    {
      "timestamp": "2021-10-09T08:47:29Z",
      "gatewayProvidedId": "02497b02-c03a-482e-82ce-75552eaec7ae",
      "type": "CHARGE",
      "state": "PENDING",
      "amount": 12.00,
      "currency": "PEN",
      "resultCode": 0,
      "responseText": "Success"
    }
  ],
  "paymentType": "YAPE",
  "paymentMethod": "WALLET",
  "created": "2021-10-09T08:47:26Z",
  "paymentOption": {
    "type": "OFFSITE",
    "offsiteMethod": "GET",
    "uiType": "IFRAME",
    "paymentServiceURL": "https://sandbox.payamigo.com/pwthree/launch"
  }
}
```

Sample Error Response

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

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