

KeyCop API – Corporate Guide

Corporate Overview & Quick Start

Field	Value
Document	KeyCop API – Corporate Guide
Version	2.0.2
Date	August 12, 2025
Contact	tecnologia@keycop.com.mx

I. Introduction

In this space you can find the services to accept online payments with KeyCop.

II. Authentication

All services require an "Authorization" token to process through KeyCop, you need to create an account first.

Header example:

```
Authorization: Bearer <token>
```

III. Base URL

Base URL: <https://pagos.keycop.com.mx/api/v1/>

IV. Endpoints

Create an account

Method: POST Path: /signup

Category: SignUp

Request

Field	Type	Description
companyName	string	Name of the company
fullName	string	Full name of the user
email	string	Email address of the user
password	string	Password for the account

Response

Field	Type	Description
companyName	string	—
fullName	string	—
email	string	—
mode	string	—
type	string	—
error	string	—

Get authorization account

Method: POST Path: /signin

Category: SignIn

Request

Field	Type	Description
email	string	Email address of the user
password	string	Password for the account

Response

Field	Type	Description
authToken	string	Authorization token for accessing protected resources
expiresIn	string	—

Generate a Sale

Method: POST Path: /sale

Category: Sale

Security: Bearer token required.

Request

This endpoint accepts multiple payload forms:

- Simple payment
- 3DS payment
- Payment with tokenized card
- Recurrence payments

Schema: Simple payment request

Field	Type	Description
amount	number	Sale amount
currency	string	Currency code
reference	string	Transaction reference
customerInformation	object	—
cardData	object	—

Example — simple:

```
{
  "amount": 10,
  "currency": "484",
  "reference": "123456789",
  "customerInformation": {
    "firstName": "Juan",
    "lastName": "Lopez",
    "middleName": "Perez",
    "phone1": "5544332211",
    "email": "juan@mail.com",
    "city": "Ciudad de México",
    "address1": "Av Constituyentes 908",
    "postalCode": "11950",
    "state": "Ciudad de México",
    "country": "MX",
    "ip": "0.0.0.0"
  },
  "cardData": {
    "cardNumber": "4111111111111111",
    "cvv": "123",
    "cardholderName": "Juan Lopez Perez",
    "expirationMonth": "12",
    "expirationYear": "27"
  }
}
```

Response

Field	Type	Description
id	string	Order Id
reference	string	Description reference
amount	number	Charge amount
customerEmail	string	Client email
cardNumber	string	Card number
authorizationNumber	string	Authorization code transaction
transactionId	string	Transaction request id
responseCode	string	Response operation code
status	string	Status transaction
mode	string	Environment code
consolidate	string	—
statementAccount	string	—
orderId	string	Order transaction Id

Schema: 3DS payment request

Field	Type	Description
amount	number	Sale amount
currency	string	Currency code
reference	string	Transaction reference
customerInformation	object	—
cardData	object	—
redirectUrl	string	Redirect URL with response

Example — 3DS:

```
{
  "amount": 10,
  "currency": "484",
  "reference": "123456789",
  "customerInformation": {
    "firstName": "Juan",
    "lastName": "Lopez",
    "middleName": "Perez",
    "phone1": "5544332211",
    "email": "juan@mail.com",
    "city": "Ciudad de México",
    "address1": "Av Constituyentes 908",
    "postalCode": "11950",
    "state": "Ciudad de México",
    "country": "MX",
    "ip": "0.0.0.0"
  },
  "cardData": {
    "cardNumber": "4111111111111111",
    "cvv": "123",
    "cardholderName": "Juan Lopez Perez",
    "expirationMonth": "12",
    "expirationYear": "27"
  },
  "redirectUrl": "https://link.keycop.com/confirmation"
}
```

Response

Field	Type	Description
id	string	Order Id
reference	string	Description reference
amount	number	Charge amount
customerEmail	string	Client email
cardNumber	string	Card number
authorizationNumber	string	Authorization code transaction
transactionId	string	Transaction request id
responseCode	string	Response operation code
status	string	Status transaction
mode	string	Environment code
consolidate	string	—
statementAccount	string	—
orderId	string	Order transaction Id
redirectTo	string	Challenge 3DS Link

Schema: Payment with tokenizer card

Field	Type	Description
amount	number	Sale amount
currency	string	Currency code
reference	string	Transaction reference
customerInformation	object	—
cardData	object	—

Example — Tokenizer Card:

```
{
  "amount": 10,
  "currency": "484",
  "reference": "123456789",
  "customerInformation": {
    "firstName": "Juan",
    "lastName": "Lopez",
    "middleName": "Perez",
    "phone1": "5544332211",
    "email": "juan@mail.com",
    "city": "Ciudad de México",
    "address1": "Av Constituyentes 908",
    "postalCode": "11950",
    "state": "Ciudad de México",
    "country": "MX",
    "ip": "0.0.0.0"
  },
  "cardData": {
    "cardNumberToken": "xyxyxyxyxyxyxyxyxyxyxyxyxy",
    "cvv": "123"
  }
}
```

Response

Field	Type	Description
id	string	Order Id
reference	string	Description reference
amount	number	Charge amount
customerEmail	string	Client email
cardNumber	string	Card number
authorizationNumber	string	Authorization code transaction
transactionId	string	Transaction request id
responseCode	string	Response operation code
status	string	Status transaction
mode	string	Environment code
consolidate	string	—
statementAccount	string	—
orderId	string	Order transaction Id

Schema: recurrence

Field	Type	Description
amount	number	Sale amount
currency	string	Currency code
reference	string	Transaction reference
customerInformation	object	—
cardData	object	—
planName	string	Recurrence plan name
recurrence	string	Recurrence value
startDate	string	Recurrence start date in format YYYY-MM-DD

Example — recurrence:

```
{
  "amount": 10,
  "currency": "484",
  "reference": "123456789",
  "customerInformation": {
    "firstName": "Juan",
    "lastName": "Lopez",
    "middleName": "Perez",
    "phone1": "5544332211",
    "email": "juan@mail.com",
    "city": "Ciudad de México",
    "address1": "Av Constituyentes 908",
    "postalCode": "11950",
    "state": "Ciudad de México",
    "country": "MX",
    "ip": "0.0.0.0"
  },
  "cardData": {
    "cardNumberToken": "xxxxxxxxxxxxxxxxxxxx",
    "cvv": "123"
  },
  "planName": "Premium",
  "recurrence": "monthly",
  "startDate": "2024-09-01"
}
```

Response

Field	Type	Description
id	string	Order Id
reference	string	Description reference
amount	number	Charge amount
customerEmail	string	Client email
cardNumber	string	Card number
authorizationNumber	string	Authorization code transaction
transactionId	string	Transaction request id
responseCode	string	Response operation code
status	string	Status transaction
mode	string	Environment code
consolidate	string	—
statementAccount	string	—
orderId	string	Order transaction Id

Card token

Method: POST Path: /card/tokenizer

Category: Sale

Security: Bearer token required.

Request

Field	Type	Description
cardData	object	—

Example:

```
{
  "cardData": {
    "cardNumber": "4111111111111111",
    "cardholderName": "Juan Lopez Perez",
    "expirationMonth": "12",
    "expirationYear": "27"
  }
}
```

Response

Field	Type	Description
cardNumber	string	Card number
cardNumberToken	string	Tokenized card number

Payment information

Method: GET Path: /transaction/{orderId}

Category: Sale Info

Security: Bearer token required.

Response

Field	Type	Description
id	string	Id of transaction
type	string	Type transaction
cardNumber	string	Card number
origin	string	Payment origin
order	string	Order Id
externalReference	string	Reference
date	number	Date of transaction
status	string	Status transaction
authorizationCode	string	Authorization code
amount	number	Payment amount
referenceNumber	string	Reference number
responseCode	string	Code reponse
payer	object	Payer info
rateFee	string	Rate fee
transactionFee	string	Transaction Fee
feeTransactionAmount	string	Fee transaction amount

Payment information by reference

Method: GET Path: / transaction/reference/{reference}

Category: Sale Info

Security: Bearer token required.

Response

Field	Type	Description
id	string	Order Id
reference	string	Description reference
amount	number	Charge amount
customerEmail	string	Client email
cardNumber	string	Card number
authorizationNumber	string	Authorization code transaction
transactionId	string	Transaction request id
responseCode	string	Response operation code
status	string	Status transaction
mode	string	Environment code
consolidate	string	—
statementAccount	string	—
orderId	string	Order transaction Id

Refund sale

Method: POST Path: /refund

Category: Sale

Security: Bearer token required.

Request

Field	Type	Description
orderId	string	ID of the order to be refunded

Response

Field	Type	Description
id	string	Order Id
reference	string	Description reference
amount	number	Charge amount
customerEmail	string	Client email
cardNumber	string	Card number
authorizationNumber	string	Authorization code transaction
transactionId	string	Transaction request id
responseCode	string	Response operation code
status	string	Status transaction
mode	string	Environment code
consolidate	string	—
statementAccount	string	—
orderId	string	Order transaction Id

Reversal sale

Method: POST Path: /reversal

Category: Sale

Security: Bearer token required.

Request

Field	Type	Description
orderId	string	Order transaction Id

Response

Field	Type	Description
id	string	Order Id
reference	string	Description reference
amount	number	Charge amount
customerEmail	string	Client email
cardNumber	string	Card number
authorizationNumber	string	Authorization code transaction
transactionId	string	Transaction request id
responseCode	string	Response operation code
status	string	Status transaction
mode	string	Environment code
consolidate	string	—
statementAccount	string	—
orderId	string	Order transaction Id

Get tokenized cards

Method: GET Path: /cards

Category: Get Cards

Security: Bearer token required.

Response

Field	Type	Description
cardNumber	string	Mask of card
cardNumberToken	string	Card token

Error List

Error	Description
ET0001	Monthly maximum amount limit exceeded
ET0002	Per-transaction maximum amount limit exceeded
ET0003	Daily limit of approved transactions exceeded
ET0004	Weekly limit of approved transactions exceeded
ET0005	Monthly limit of approved transactions exceeded
ET0006	Daily limit of declined transactions exceeded
ET0007	Weekly limit of declined transactions exceeded
ET0008	Monthly limit of declined transactions exceeded
ET0009	Time restriction for card retry (cool-down)
ET0010	Time restriction for customer retry (cool-down)
ET0011	Daily transactional amount limit exceeded
ET0012	Weekly transactional amount limit exceeded
ET0013	Amount threshold required for 3DS operations
ET0014	3DS flow expired or not completed
ET0015	Suspected fraud across merchants or blacklist match
ET0016	Card processed at other merchants
ET0017	Card protected by cross-merchant protection
ET0018	Card used by multiple customers
ET0019	Internal traffic protection
ET0020	External traffic protection
ET0021	Currency not valid for the terminal
ET0022	Card BIN blocked
ET0023	3DS failed
ET0024	Customer email blocked
ET0025	Card blocked due to fraud
ET0026	Card blocked due to chargeback
CRD000	Card token invalid
E0101	Payment service error
E0102	Error generating a refund / reversal
E0010	Error validating the card
E0500	Assigned terminal not found
E0500	Assigned terminal not found to process the reversal
E0500	Assigned terminal not found to process the refund