



80kobosms.com Smart Messaging System

HTTP Application Programming Interface

Version 2.0

0.0 INTRODUCTION

80kobosms.com system offers various methods to send SMS messages. This document contains specifications for the following methods:

- Send messages using username / password
- Sending Message using API key

1.0 Sending Message Using Username / Password

You can send SMS through our API with your 80kobosms username and password. This URL has POST Method as well as GET method depending on your integration

1.1 Using GET Method

You can send SMS through this method using simple URL parameters.

The full URL is

https://api.80kobosms.com/v2/app/sms?email=your_email_address&password=your_80kobosms_password&message=message_content&sender_name=your_sender_name&recipients=the_recipients_numbers_seperated_by_comma&forcednd=1&sendtime=time_to_send.

Note: Send time is optional and should be included if you want to schedule the message for sending later

1.2 Using POST Method

URL : <https://api.80kobosms.com/v2/app/sms>

Method : Post

Parameters

| Request | Parameter | Description |
|---------|-------------|---|
| 1 | email | Your registered email on 80kobosms |
| 2 | password | Your 80kobosms Password |
| 3 | message | Your message content. |
| 4 | sender_name | Your sender name must not be more than 11 characters |
| 5 | recipients | The recipients number.for multiple recipients, must be separated by comma. e.g 23480003003034,2348038833883838,23470000033883 |
| 6 | forcednd | Optional and by default set to 1. If set to 1, MTN numbers will be charged 2 units and MTN DND numbers will be able to receive the message with a phone number. |
| 7 | listname | Optional , the contact list name on 80kobosms |
| 8 | sendtime | Optional, when this parameter is set, it will take it as scheduled message |

Note: The sendtime is only needed when you want to schedule the message.

Response

| Status | Description |
|--------|---|
| 1 | Ok : Message sent successful |
| -2 | Invalid Parameter |
| -3 | Account suspended due to fraudulent message |
| -4 | Invalid Display name |

| | |
|-----|-------------------------|
| -5 | Invalid Message content |
| -6 | Invalid recipient |
| -7 | Insufficient unit |
| -10 | Unknown error |
| 401 | Unauthenticated |

Along with the status, there is also msg parameter which explain the status code.

If the status is 1, the following parameters are also included in the response

Msgid: Every message sent have message id which is also used to check the delivery status of the message.

Units: The number of units deducted in sending the message.

Balance: Your 80kobosms account balance after sending the message

1.1 Sending with API KEY

You need to request for the API key. The API key replaces the username and password. You can get the API key from <https://80kobosms.com/dashboard/profile-summary> and click on "Get API Key". You will need to pass the key in the header section.

Url: <https://api.80kobosms.com/v2/app/sendsms>

Method: Post

Header

The API key is sent through the header section of the post request. The following parameter and values are needed in the header.

Authorization : Bearer {apikey}

Accept : application/json

Parameter

| Request | Parameter | Description |
|---------|-------------|---|
| 1 | Message | Your message content. |
| 2 | Sender_name | Your displayname and more not me more than 11 characters |
| 3 | Recipients | The recipients number.for multiple recipients, must be separated by comma. e.g 23480003003034,2348038833883838,23470000033883 |
| 4 | Forcednd | Optional and by default set to 1. If set to 1, MTN numbers will be charged 2 units and MTN DND numbers will be able to receive the message with phone number. |
| 5 | Listname | Optional , the contact list name on 80kobosms |
| 6 | sendtime | Optional, when this parameter is set, it will take it as scheduled message |

Note: The sendtime is only needed when you want to schedule the message.

Response

| Status | Description |
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| 1 | Ok : Message sent successful |
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2 Check Balance

- Check Balance with username / password POST
- Check Balance using API key

2.1 Check Balance with username / password

Url : <https://api.80kobosms.com/v2/app/getbalance>

Method : Post

Parameter

| Request | Parameter | Description |
|---------|-----------|------------------------------------|
| 1 | email | Your registered email on 80kobosms |
| 2 | password | Your 80kobosms Password |

2.2 Check Balance using API key

Url: <https://api.80kobosms.com/v2/app/balance>

Method: Post

Header

The API key is sent through the header section of the post request. The following parameter and values are needed in the header.

Authorization : Bearer {apikey}

Accept : application/json

3.0 Delivery Report

- DLR with username / password
- DLR using API key

3.1 DLR with username / password

You can send check your DLR through our API with your 80kobosms username and password.

URL : https://api.80kobosms.com/v2/api/delivery-report

Method : Post

Parameters

| Request | Parameter | Description |
|---------|-----------|--|
| | email | Your 80kobosms account email |
| 2 | password | Your 80kobosms account password |
| 3 | msgids | Optional. The message id you got when you send the message. You can have multiple msgids separated by comma. e.g msgids=a388383,b299292,9299292 |
| 4 | sender | Optional: The sender name you used when sending message. |
| 5 | startfrom | Optional: the date you want the DLR to start from. |
| 6 | endfrom | Optional: the date you want the DLR to end. |
| 7 | page | Optional: The DLR return the latest 100 and the rest are in pages, if you want any other page apart from first page, you can set your page parameter. E.g page = 3 |

Response

The DLR return status which is set to 1 if everything is fine. In addition, the following parameters are also attached to the response :

data : The DLR data which meet your parameter sent. Note the DLR return the latest 100 rows. **total** : The total DLR from the search. **page** : the current page.

rows : number of rows per page

3.2 DLR using API key

You can send check your DLR through our API with your 80kobosms API key.

Url : <https://api.80kobosms.com/v2/app/message/report>

Method : Post

Header

The API key is sent through the header section of the post request. The following parameter and values are needed in the header.

Authorization : Bearer {apikey}

Accept : application/json

Parameter

| Request | Parameter | Description |
|---------|-----------|---|
| 1 | Msgids | Optional. The message id you got when you send the message. You can have multiple msgids separated by comma. e.g msgids=a388383,b299292,9299292 |
| 2 | sender | Optional : The sender name you used when sending message. |
| 3 | startfrom | Optional : the date you want the DLR to start from. |
| 4 | endfrom | Optional : the date you want the DLR to end. |

| | | |
|---|------|---|
| 5 | page | Optional : The DLR return the latest 100 and the rest are in pages, if you want any other page apart from first page, you can set your page parameter. E.g page = 3 |
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Response

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