



**80kobosms.com Smart Messaging System**

**HTTP Application Programming Interface**

**Version 2.0**

## 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.

**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
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**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
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Status	Description
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**Balance:** your 80kobosms account balance after sending the message

## 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.
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### 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 :

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