

**EZ Pay Pte Ltd**

**HTTP SMS API**  
**Agreement & Documentation**

**Version 1.4**

## 1. Introduction

### What is HTTP SMS API

HTTP SMS API is a service offered by EZPAY.SG that allows users to create their own programs in any programming language, to send local and international sms through EZPAY.SG sms service.

### How HTTP SMS API works

Users only have to send a web request by HTTP POST to this url (to be advised by EZPay.SG tech team) together with the required parameters to send the sms(es). Please refer to the Parameter list for the list of required parameters.

### How to start using this sms service

To start using this sms service, just go to this url <http://www.ezpay.com.sg> to register for an account and top up your account via ENETS or other payment modes. Registration is completely free.

### How to check the sms rates of the SMS Service offered by EZPAY.SG

You can check the local and international sms rates of this sms service by going to this url, [www.ezpay.com.sg](http://www.ezpay.com.sg).

**2. Sending the SMS(es)**

To send sms, you just need to send a HTTP POST web request together with the following required parameters to this url (to be advised by EZPay.SG tech team)

**Parameters List**

<b>Parameter Name</b>	<b>Type</b>	<b>Description</b>
memberid(required)	8 numeric characters	Member's username used to identify the member's account at EZPAY.SG
password(required)	10 characters (numeric/non numeric)	Member's password to authenticate the member.
msg(required)	Max 640 characters	SMS message to be sent to recipient(s)
recipient(required)	Max 10,000 recipients	Recipient(s) mobile number(s)  Please add the country code and area code (if applicable) to the recipient's mobile number(s).  To send to more than one recipient, please separate each recipient phone number with a "," character. Example: 6591234567, 6591234566, 6591234565
sendername(required)	11 Alphanumeric characters	Sendername is used to define the SMS display name. You must provide this parameter. Please provide only alphanumeric characters for this field.
sendmode(required)		This parameter is to define whether to send the sms(s) now or at a future date and time.  If you wish to send the sms(s) now, then set the value of this parameter to "now". There is no need for you to set the senddate and sendtime parameters value.  If you wish to send the sms(s) at a future date/time, then set the value of this parameter to "future" And please set the senddate and sendtime parameter value.
senddate		This parameter defines the future date to send the sms if the value of the sendmode parameter is set to "future".  This parameter is not needed if the value of the sendmode parameter is set to "now".  The format of the senddate value should be [YYYY-MM-DD]

		Example: 2007-05-06 for 6 May 2007 <b>Note:</b> you can only set the future date up to 7 days later.
sendtime		This parameter defines the future time to send the sms if the value of the sendmode parameter is set to "future".  The format of the sendtime parameter value should be in 24 Hours format Example: 09:12 for 9.12 am

### **3. Retrieving the SMS(es) Delivery Status**

To retrieve the SMS delivery status, you just need to send a HTTP POST web request together with the following required parameters to this url (to be advised by EZPay.SG tech team)

#### **Parameters List**

<b>Parameter Name</b>	<b>Type</b>	<b>Description</b>
memberid(required)	8 numeric characters	Member's username used to identify the member's account at EZPAY.SG
password(required)	10 characters (numeric/non numeric)	Member's password to authenticate the member.
Transactionid(required)	Numeric	Transaction ID of the SMS sent
recipient(required)	Numeric	Recipient mobile number(s)  Please add the country code and area code (if applicable) to the recipient's mobile number.

#### **4. Retrieving Account Balance**

To retrieve the SMS delivery status, you just need to send a HTTP POST web request together with the following required parameters to this url (to be advised by EZPay.SG tech team)

##### **Parameters List**

<b>Parameter Name</b>	<b>Type</b>	<b>Description</b>
memberid(required)	8 numeric characters	Member's username used to identify the member's account at EZPAY.SG
password(required)	10 characters (numeric/non numeric)	Member's password to authenticate the member.

**5. Response Codes after Sending the SMS(es)**

For SMS sending web requests, a response code will be returned to acknowledge whether a particular request had been submitted correctly. Below is a list of the response codes and their corresponding description

**Response Code List**

<b>Response Code</b>	<b>Description</b>
Success 50: You had sent the sms(s) successfully. Your transaction id is xxxxx.	You had successfully sent the sms(s). Your transaction id is xxxxx.
Error 100: Please supply only Alphanumeric characters for sender name.	Only alphanumeric characters are allowed in the sendername parameter. You had entered a character that is not alphanumeric character in the sendername parameter.
Error 101: Please supply a valid date/time to send the sms	You had specified an invalid future date/time to send the sms. Please check the Parameter list for the correct date/time format.
Error 102: Please supply a sendername	You had not supplied a sendername. Please supply a sendername. The Sendername field must be provided.
Error 103: Number of recipients exceed the max limit	Number of recipients exceeds the max number of recipients allowed per transaction. Please check the Parameter list for the maximum number of recipients allowed per transaction.
Error 104: Invalid recipient mobile number	Invalid recipient mobile number. One or more recipient mobile number is invalid or our system does not support sms sending to these mobile numbers. Check that the country code and area code are added to the recipient mobile number(s).
Error 105: Please supply at least one recipient	You had not supplied any recipient mobile number. Please supply at least 1 recipient mobile number to send the sms to.
Error 106: Please specify either future or now for the sendmode parameter	You had supplied an invalid value for the sendmode parameter. Please check the Parameter list for the correct values for the sendmode parameter.
Error 107: Username/Password is wrong	The Username/Password you supplied is wrong. Please check the Username and password supplied.
Error 108: Not enough credits in account to send sms	You do not have enough credits in the account to send the required amount of sms. Please top up your account to send the sms(s).
Error 109: IP Address does not match	Your System IP Address does not match with the registered IP Address.
Error 110: System Error. Please contact EZPAY Administrator for help	System Error. Please contact EZPAY administrator to solve this error if this problem persist after several attempts.
Error 111: The sendername can only have 11 alphanumeric	The sendername can only have 11 alphanumeric or less.
Error 112: Member ID field cannot be empty	You did not specify a member ID

## **6. Response Codes after Retrieving the SMS Delivery Status**

For retrieving SMS delivery status web requests, a response code will be returned to acknowledge whether a particular request had been submitted correctly. Below is a list of the response codes and their corresponding description

### **Response Code List**

<b>Response Code</b>	<b>Description</b>
Success 55: Success. Status = XXXXX	SMS Delivery Status: DELIVRD = SMS is delivered successfully EXPIRED = SMS delivery fail. The request has expired. Pending = SMS delivery is still sending. UNDELIV = SMS delivery fail. SMS cannot be delivered. ACCEPTD = SMS request has been accepted but unable to send.
Error 120: Member ID field cannot be empty	You did not specify a member ID
Error 121: Transaction ID field cannot be empty	You did not specify a transaction ID
Error 122: Recipient field cannot be empty	You did not specify a recipient number
Error 123: IP Address does not match	Your System IP Address does not match with the registered IP Address.
Error 124: Transaction ID & Recipient do not match	The transaction ID is invalid or The transaction ID does not match the recipient number
Error 125: Username/Password is wrong	Invalid username or password entered

## **7. Response Codes after Retrieving Account Balance**

For retrieving SMS delivery status web requests, a response code will be returned to acknowledge whether a particular request had been submitted correctly. Below is a list of the response codes and their corresponding description

### **Response Code List**

<b>Response Code</b>	<b>Description</b>
Success 55: Success. Balance = \$XXXXX	Balance will be displayed
Error 120: Member ID field cannot be empty	You did not specify a member ID
Error 123: IP Address does not match	Your System IP Address does not match with the registered IP Address.
Error 125: Username/Password is wrong	Invalid username or password entered

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Warranty & Risk	<p>Although extensive efforts have been made to assure that the API / software is date compliant, correct, reliable, and technically accurate, the API / software is licensed to USER as is and without warranties as to performance of merchantability, fitness for a particular purpose or use, or any other warranties whether expressed or implied.</p> <p>USER and all users of the API / software, assume all risks when using it. The manufacturers and resellers of the API / software shall not be liable for any consequential, incidental, punitive or special damages arising out of the use of or inability to use the Software or the provision of or failure to provide support services, even if we have been notified of the possibility of such damages. In any case, the entire liability under any provision of this agreement shall be limited to the greater of the amount actually paid by USER for the API / software or the equivalent of the amount paid by USER for the API / software.</p>
Payment	Prepayment
Non-Waiver	<p>The failure by either party at any time to enforce any of the provisions of this Agreement or any right or remedy available hereunder or at law or in equity, or to exercise any option herein provided, shall not constitute a waiver of such provision, right, remedy or option or in any way affect the validity of this Agreement. The waiver of any default by either party shall not be deemed a continuing waiver, but shall apply solely to the</p>

	instance to which such waiver is directed.
Termination	<p>This Agreement is effective until terminated. This Agreement will terminate automatically without notice from EZPay if USER fails to comply with any provision contained herein or if the funds paid for the license are refunded or are not received. Upon termination, USER must destroy the API / software, and all copies of them, in part and in whole, including modified copies, if any.</p> <p>EZPay may terminate USER immediately upon written notice if</p> <ol style="list-style-type: none"> <li>1) USER fails to perform any material term or condition of this Agreement and does not cure such failure within thirty (30) days following receipt of written notice of the failure; or,</li> <li>2) USER has made or shall make a false representation or warranty to EZPay herein or otherwise; or,</li> <li>3) USER files or has filed against it an action under local bankruptcy insolvency laws; or, makes an assignment for the benefit of creditors or a public declaration of insolvency; or</li> <li>4) USER practices a course of conduct which, in the reasonable opinion of EZPay, is detrimental or adverse to EZPay's business interests, good name and reputation and USER fails or refuses to cease such conduct within ten (10) days of receipt of written notice thereof from EZPay; or</li> <li>5) USER assigns, or attempts to assign, this Agreement or any rights hereunder to any third party.</li> </ol>