

Dizlee API Specification [Northbound] – Charging (SP)

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Charging (SP) API Specification

NOTE:

All APIs discussed under this section are RESTful APIs with a JSON payload where applicable. All Inbound and Outbound requests must use secure connection (https).

API End Point Name	URI
Charging (SP)	
Charge URL	Please Request
Refund URL	Please Request

1 Charging (SP)

HTTP Method	POST
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Operation	Used by merchant to charge the user
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1.1 Request

```
curl --location --request POST 'https://[Dizlee API Endpoint]' \  
--header 'Content-Type: application/json' \  
--header 'apikey: {APIKey}' \  
--header 'HTTP_MSISDN: 9641234567890' \  
--data-raw '{  
  "chargeRequestId":"8635081281569934573",  
  "subscriptionId":"SP",  
  "userId":"964123456789",  
  "type":"SinglePurchase",  
  "firstCharge":true,  
  "amount":0.001,  
  "currency":"IQD",  
  "totalCharge_p30d":0,  
  "aggregatorId":"[aggregatorName]",  
  "merchantId":"[merchantName]",  
  "product":"[Product]",  
  "subProduct":"[subProduct]",  
  "channel":"WEB",  
  "promoter":"[Merchant or Telco]"  
}'
```

1.1.1 Header Parameters

Name	Description	Required
apikey	authentication key sent from Dizlee side	Y
HTTP_MSISDN	mobile phone number in international format	Y

1.1.2 Request Parameters

Name	Type	Description	Required
chargeRequestId	String	A unique identifier of the charge Transaction generated by [MERCHANTNAME]. It should be preceded by the [merchantCode] as prefix.	Y
subscriptionId	String	A unique identifier that represents the user lifecycle since subscription. It should be preceded by [merchantCode] as prefix. <i>subscriptionId</i> should be "SP" for onetime payment.	Y
userId	String	Countrycode + MSISDN of the user	Y
type	String	The type of the Charge request it can be: "SinglePurchase" (one time purchase)	Y
firstCharge	Boolean	Value: - true: first successful charging event (amount>0) or in case of Single Purchase charges	Y
amount	Decimal	Charge amount	Y
currency	String	The currency code. For example "KWD" (ISO-4217 Code)	Y
totalCharge_p30d	Decimal	Sum of total charge in the last 30 days	Y
aggregatorId	String	The northbound aggregator partner	Y
merchantId	String	The Owner of the product. [MERCHANTNAME] in our case	Y
product	String	Identifier of the product, in our case "[productName]"	Y
subProduct	String	Identifier of the subproduct in case if there are multiple subproducts types under the same product.	Y
channel	String	The channel of subscription, it can be one of the following: WEB, SMS, MobileApp or CC	Y
promoter	String	Specifies the promoter of the campaign Can be [Merchant] or [Telco Operator]	Y
vatAmount	int	The tax value: For Prepaid: it will contains the tax value For postpaid: it will be 0 Mandatory for some Telco Operator	O
billingType	String	billingType should be extracted from the getProfile response. can be: [Postpaid, Prepaid]	O

		Mandatory for some Telco Operator	
profileRequestId	String	profileRequestId should be the request Id used in the getprofile to retrieve the billingType. Mandatory for some Telco Operator	O
SID	String	The service ID (Will be provided by Dizlee) Mandatory for some Telco Operator	O
PID	String	The Product ID (Will be provided by Dizlee) Mandatory for some Telco Operator	O

1.2 Response 1

```
{
  "status": "1",
  "statusDetail": " Successful Operation."
}
```

1.3 Response 2

```
{
  "status" : "1",
  "statusDetail" : "Successful Operation.",
  "chargeResponseId" : "29320"
}
```

1.4 Response 3

```
{
  "status": "-304",
  "statusDetail": "Operation Failed. Insufficient Funds.",
  "chargeResponseId": "-1"
}
```

1.5 Response Parameters

Name	Type	Description	Required
status	String	- "1" if successful Operation - "ERROR_CODE" in case of fail	Y
statusDetail	String	Represent the description of the request - "Successful Operation" in case of Success - "ERROR_DESCRIPTION" in case of Fail	Y
chargeResponseId	String	This is Telco OPCO generated identification of the Charge Response operation. Can be used within the refund request (if refund requires OPCO charged)	O

2 Refund

HTTP Method	POST
Operation	Used by Merchant to refund the user

2.1 Request

```
curl --location --request POST 'https://[Dizlee API Endpoint]' \
--header 'Content-Type: application/json' \
--header 'apikey: {APIKey}' \
--header 'HTTP_MSISDN: 9641234567890' \
--data-raw '{
  "refundRequestId":"DVO00003b26b140600ce5cc9296",
  "subscriptionId": "SP",
  "transactionId":"8635081281569934573",
  "chargeId":"8635081281569934573",
  "userId":"964123456789",
  "amount":0.001,
  "currency":"IQD",
  "aggregatorId":"[aggregatorName]",
  "merchantId":"[merchantName]",
  "product":"[Product]",
  "subProduct":"[subProduct]",
  "reason":"test",
  "purpose":"[Purpose]"
}'
```

2.1.1 Header Parameters

Name	Description	Required
apikey	authentication key sent from Dizlee side	Y
HTTP_MSISDN	mobile phone number in international format	Y

2.1.2 Request Parameters

Name	Type	Description	Required
refundRequestId	String	A unique identifier of the refund Transaction generated by [merchantName]. It should be preceded by the [merchantCode] as prefix.	Y
subscriptionId	String	A unique identifier that represents the user lifecycle since subscription. Should be "SP" for onetime payment.	Y
userId	String	Countrycode + MSISDN of the user	Y
transactionId	String	The identifier of the transaction to be refunded, generated by the Merchant in the earlier purchase request. It should be preceded by the [merchantCode] as prefix.	Y

chargeResponseId	String	Received from some Telco Operator in Charge Requests This is OPCO generated identification of the Charge Response operation. Can be used within the refund request (if refund requires OPCO chargeId)	O
amount	Decimal	Amount to be refunded, it must be less or equal than the total amount pending to refund on the original transaction. If not filled, the full amount is refunded	Y
currency	String	The currency code. For example "KWD"	Y
aggregatorId	String	The northbound aggregator partner	Y
merchantId	String	The Owner of the product. [MERCHANTNAME] in our case	Y
product	String	Identifier of the product, in our case "[productName]"	Y
subProduct	String	Identifier of the subproduct in case if there are multiple subproducts types under the same product.	Y
reason	String	The refund reason	Y
purpose	String	Should be as [merchantName]-[productName]	Y

2.2 Response 1

```
{
  "status": "1",
  "statusDetail": " Successful Operation."
}
```

2.3 Response 2

```
{
  "status": "1",
  "statusDetail": "Unknown Error."
}
```

2.4 Response Parameters

Name	Type	Description	Required
status	String	- "1" if successful Operation - "ERROR_CODE" in case of fail	Y
statusDetail	String	Represent the description of the request - "Successful Operation" in case of Success - "ERROR_DESCRIPTION" in case of Fail	Y

3 Response Codes

CODE	TYPE	DESCRIPTION
1	OK	Successful Operation
-100	Missing param/value	Missing param/value
-101	Authentication error	You are not authorized to perform this request
-200	Cannot perform action	Unable to perform action.
-300	Account Inactive	Operation Failed.Account Inactive
-301	Single Charge Failed	Operation Failed,Single Charge Failed
-302	DOB is not allowed for the user	Operation Failed. Subscription Failed.
-304	Insufficient Funds	Operation Failed.Insufficient Funds
-305	Duplicate Transaction	Operation Failed.Duplicate Transaction
-306	User status changed to not allowed for DOB during the renewal process	Operation Failed. Remove Subscription.
-307	Suspend Service	Operation Failed.Suspend Service
-308	Unknown error from Opco	Unknown error.
-311	Bad MSISDN	User not found.
-317	Charge - subscription - failed	User is not eligible
-318	Charge failed	Past 30 days charge limit exceeded
-319	Refund Failed	Operation Failed. Charge transaction not found.
-320	Refund - Failed	Operation Failed. Charge transaction already refunded
-322	Quota limit Exceeded	Quota limit Exceeded
-323	Insufficient Funds	Operation Failed.Insufficient Funds
-324	Charge / Eligibility failed	User is not eligible - Inactive Status
-325	Charge / Eligibility failed	User is not eligible - Has Stop SLA Service
-326	Charge / Eligibility failed	User is not eligible - Corporate Customer
-327	Refund Failed	Operation Failed. Refund rejected.
-330	Operation Failed	Operation Failed. Service Not Found.
-331	Operation Failed	Operation Failed. Product Not Found.
-332	Incorrect eligibility Responseld or transactionId	Transactionid is incorrect or has expired
-333	Subscription is not allowed from this Channel	Subscription is not allowed from this Channel
-429	Too Many Requests	Requests rate limit reached, please contact support
-500	Internal Error	Something went wrong.
-504	Timeout occurred on Opco side	Gateway Timeout

