

Mobile Recharge API Documentation

Sub API integration guide - Version 2.0 - Updated 05 September 2026

Base endpoint: `https://your-domain.com/recharge-api.php`

Authentication: `apiKey: YOUR_API_KEY`

Action	Method	Query
Balance	GET	?action=balance
Offers	GET	?action=offers
Recharge	POST	?action=recharge
Status	GET	?action=status

Quick rules

Use the API key only from a trusted server. Generate a unique refId for every recharge. For an offer recharge, send the exact offerId returned in the selected object from the Offers response. For a normal amount recharge, omit offerId.

1. Authentication

Send your Sub API key in the **apiKey** request header. The server also accepts **X-API-Key** or a Bearer token, but **apiKey** is the recommended form.

Header	Type	Required	Description
apiKey	String	Yes	The key created from the Digital Khata admin panel.

Example

```
curl -H "apiKey: YOUR_API_KEY" \  
  "https://your-domain.com/recharge-api.php?action=balance"
```

2. Check Balance

Returns the Sub API account balance.

Endpoint: GET ?action=balance

```
{  
  "success": true,  
  "balance": 950.00,  
  "currency": "BDT",  
  "limit": "BALANCE"  
}
```

For an unlimited Sub API, balance is null and limit is UNLIMITED.

3. Get Offers

Returns live offers for the supplied mobile number and operator. Every returned offer object contains the provider offerId required for offer recharge.

Endpoint: GET ?action=offers&operator=BL&number=019XXXXXXX

Parameter	Type	Required	Description
operator	String	Yes	GP, BL, RB, AR, TL, or SK.
number	String	Yes	Valid 11-digit Bangladesh mobile number.

Example response

```
{
  "success": true,
  "offers": [
    {
      "offerId": "16864@252454068...@2 days#Mg==",
      "operator": "Banglalink",
      "title": "45 Min (3 Days)",
      "type": "minute",
      "amount": 48
    }
  ]
}
```

Important: offerId is opaque. Do not edit, decode, hash, or recreate it. Read it from the same offer object the customer selected and send it unchanged in the recharge request.

4. Create Recharge

Creates either a normal amount recharge or an offer recharge.

Endpoint: POST ?action=recharge

Field	Type	Required	Description
refId	String	Yes	Unique client reference, 3-100 allowed characters.
phone	String	Yes	Valid 11-digit Bangladesh mobile number.
operator	String	Yes	GP, BL, RB, AR, TL, or SK.
type	String/Number	Yes	Prepaid or 1; Postpaid or 2.
amount	Number	Yes	Recharge amount in BDT.
offerId	String	Offer only	Exact offerId from the selected Offers response object.

Normal amount recharge

```
{
  "refId": "ORDER-10001",
  "phone": "017XXXXXXX",
  "operator": "GP",
  "type": "Prepaid",
  "amount": 50
}
```

Offer recharge

```
{
  "refId": "ORDER-10002",
  "phone": "019XXXXXXX",
  "operator": "BL",
  "type": 1,
  "amount": 48,
  "offerId": "16864@252454068...@2 days#Mg=="
}
```

Recharge response

A new request normally returns **Processing**. A final provider result may already be returned as **Success** or **Failed**. Always use the Status action for the latest state.

```
{
  "success": true,
  "transactionId": "TX-260905120000-A1B2C3D4E5",
  "refId": "ORDER-10002",
  "status": "Processing",
  "phone": "019XXXXXXX",
  "operator": "Banglalink",
  "type": "Prepaid",
  "amount": 48,
  "offerId": "16864@252454068...@2 days#Mg==",
  "message": "Request accepted and is processing.",
  "balance": 902,
  "currency": "BDT",
  "limit": "BALANCE"
}
```

Idempotent retry

Retrying the same refId with the same phone, operator, type, amount, and offerId returns the existing transaction. Reusing a refId with different data returns **REFERENCE_CONFLICT**.

5. Check Status

Endpoint: GET ?action=status&refId=ORDER-10002

```
{
  "success": true,
  "transactionId": "TX-260905120000-A1B2C3D4E5",
  "refId": "ORDER-10002",
  "status": "Success",
  "phone": "019XXXXXXX",
  "operator": "Banglalink",
  "type": "Prepaid",
  "amount": 48,
  "offerId": "16864@252454068...@2 days#Mg==",
  "message": "Recharge completed successfully.",
  "balance": 902,
  "currency": "BDT",
  "limit": "BALANCE"
}
```

6. Status Lifecycle

Status	Meaning	Balance behavior
Processing	Request accepted; final result is pending.	Amount remains held.
Success	Recharge completed.	Held amount remains charged.
Failed	Recharge failed.	Charged amount is refunded automatically.

An administrator can correct a Sub API recharge to Processing, Success, or Failed. The next Status response reflects the corrected value, and balance/refund totals are adjusted with the transition.

7. Error Format

```
{
  "success": false,
  "code": "VALIDATION_ERROR",
  "message": "A valid Bangladesh mobile number is required."
}
```

HTTP	Typical code	Meaning
401	UNAUTHORIZED	Missing or invalid API key.
402	INSUFFICIENT_BALANCE	Sub API balance is too low.
403	ACCESS_DISABLED	Sub API access is blocked.
404	NOT_FOUND	Transaction was not found.
409	REFERENCE_CONFLICT	refId was already used for different data.
422	VALIDATION_ERROR	Request data is invalid.
503	SERVICE_UNAVAILABLE	Recharge service is temporarily unavailable.

8. Integration Checklist

1. Keep the API key server-side.
2. Load offers for the exact number and operator.
3. For offer recharge, forward the selected object's offerId unchanged.
4. Omit offerId for a normal amount recharge.
5. Use a unique refId and store transactionId.
6. Poll Status while the state is Processing.
7. Treat only Success and Failed as final states.

End of documentation