S | **Startbutton Product API**   🔍

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S2S MoMo (KES and GHS)

Initiate S2S

Authorization	Set to Bearer PUBLIC_KEY
Content-Type	Set value to `application/json`

ⓘ The public key can be gotten from the 'Settings' page on your Startbutton dashboard.

Post a request to the URL below, where the base URL is determined by the environment you are in.

> BaseUrls

Endpoint

POST `{{baseurl}}/transaction/initialize/s2s/mobile_money`

Here's a sample request below

Required parameters (KES)   Optional parameters included (KES)

```
{
    "provider": "mpesa",
    "phone": "+254710000000",
    "email": "kass1-pms@customer.com",
    "amount": 3000,
    "currency": "KES"
}
```

Required parameters (GHS)   Optional parameters included (GHS)

```
{
    "provider": "MTN",
    "phone": "0551234987",
    "amount": 300000,
    "currency": "GHS",
    "email": "test-pms@customer.com"
}
```

ⓘ   We have 3 providers for GHS:
     - MTN- passed as "MTN"
     - AIRTEL passed as "ATL"
     - VODAFONE- passed as "VOD"

ⓘ   The amount should be in fractional units.

Here's a sample response

Success (GHS)   Success (KES)   Failed

```
{
    "success": true,
    "message": "Charge attempted, requery to get status",
    "data": {
        "nextStep": "PIN",
        "reference": "610ae86889ee"
    }
}
```

The next step can either be OTP or PIN. If your customer is new to the service, they'll receive an OTP initially. Afterwards, for subsequent transactions, they'll be provided with a PIN.

When it is an OTP; you need to present the User with a screen to enter OTP and then call the endpoint below

OTP Verify

Endpoint

POST `{{baseurl}}/transaction/initialize/s2s/mobile_money/otp-verify`

Authorization	Set to Bearer PUBLIC_KEY

Here's a sample response

Verify OTP

```
{
  "reference": "610ae86889ee",
  "otp": "123456"
}
```

Here's a sample response

Success Response   Failed Response

```
{
    "status": true,
    "message": "Charge attempted",
    "data": {
        "status": "requery",
        "message": "Confirming payment"
    }
}
```

However, if the next step is a PIN your users only need to enter their PIN on the prompt on their phone.

Last updated 1 month ago