

STARTBUTTON API DOC > SERVER-TO-SERVER INTEGRATION > S2S INTEGRATION FOR MOBILE MONEY



## S2S MoMo (KES and GHS)

## **Initiate S2S**

Authorization	Set to Bearer PUBLIC_KEY
Content-Type	Set value to application/json
① 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) { "provider": "mpesa", "phone": "+254710000000", "email": "kass1-pms@customer.com", "amount": 3000, "currency": "KES" }

```
Required parameters (GHS)

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

① We have 3 providers for GHS:
    - MTN- passed as "MTN"
    - AIRTEL passed as "ATL"
    - VODAFONE- passed as "VOD"
```

i The amount should be in fractional units.

Here's a sample response

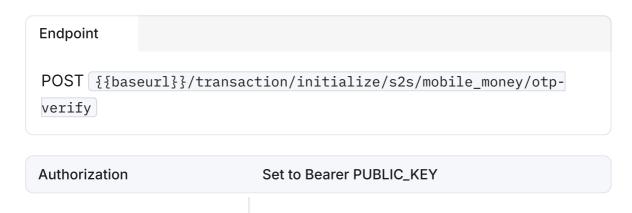
```
Success (GHS)
Success (KES)
Failed

{
    "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**



Here's a sample response

```
Verify OTP

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

Here's a sample response

```
Success 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.

```
Previous
S2S Integration for Mobile Money

Next
S2S MoMo (TZS and UGX)
```

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