

# *Tuya Cloud & Smart Life App Credential Manual*

## STEP 1: Buy a Tuya-based smart plug

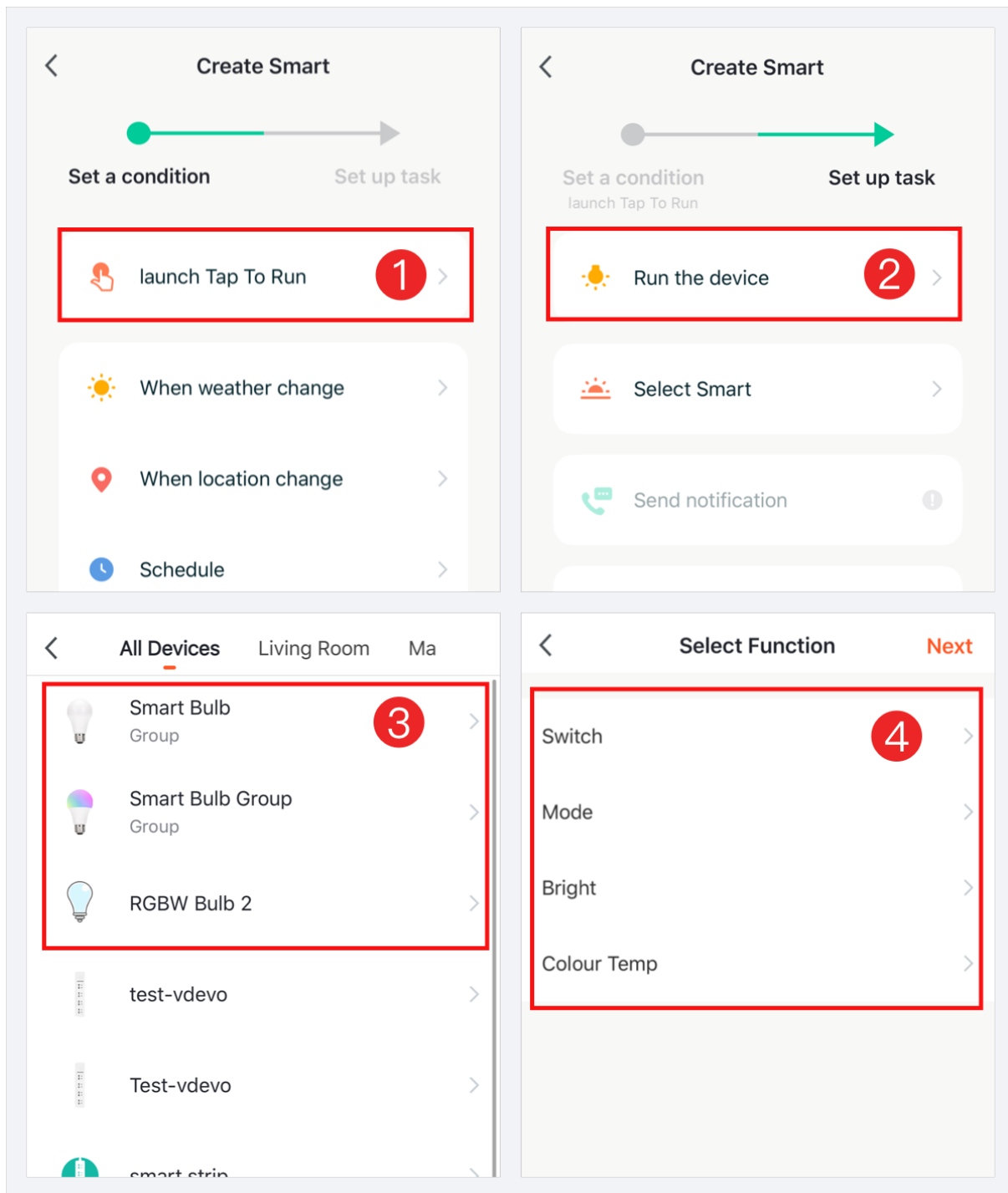


Not all smart plugs report energy data. Buy a **Tuya-compatible smart plug** that supports:

- Voltage
- Current
- Power
- Energy (kWh)

## STEP 2: Install the Tuya mobile app and add the plug





## Here

1. Installed **Smart Life** app
2. Created a user account (email or phone)
3. Powered on the plug
4. Connected it to Wi-Fi through the app

## STEP 3: Set Up Tuya Cloud Project

tuya IoT Platform

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Overview

Product

App

Cloud

Data

Operation

Purchase

VAS

Cloud

Development

Cloud Services

API Explorer

Data Statistics

Usage

API Statistics

Message Statistics

Cloud Monitoring

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SaaS Development

SaaS Management

MicroApp Dev

Authorization

Development

Based on the API products and supporting technical services provided by the Cloud Development Platform, you can quickly build enterprise-level IoT industry solutions by using Powered by Tuya devices.

Operation GuideCloud Development Website

My Cloud Projects Upgrade IoT Core Plan >

Create Cloud Project

Project Name/ Description	Project code	Industry	Creation Time	Operation
Smart Home	p16877509573	Smart Home	2023-06-26 11:42:37	Open Project
Copy Smart Operat	p168489703221	Smart Home	2023-05-24 10:57:12	Open Project
Copy Basic SaaS0	p16848969870	Others	2023-05-24 10:56:27	Open Project

Overview

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Development

Based on the API products and supporting technical services provided by the Cloud Development Platform, you can quickly build enterprise-level IoT industry solutions by using Powered by Tuya devices.

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Create Cloud Project

Project Name/ Description	Project code	Industry	Creation Time	Operation
Smart Campus Building	p169139177514	Education/Campus	2023-08-07 15:02:55	Open Project
Smart Home Project	p1687750957304	Smart Home	2023-06-26 11:42:37	Open Project

Cloud Management

My Cloud Projects

Based on the API products and supporting technical services provided by the Cloud Development Platform, you can quickly build enterprise-level IoT industry solutions by using Powered by Tuya devices. Learn More

Project Name/Description

Create Cloud Project

\* Project Name: Enter project name

Description: Please briefly describe the functions and scenarios of your project, with no more than 255 words.

\* Industry: Select your industry

\* Development Method: Select development method

\* Availability Zone: Select an availability zone

CancelCreate

Create Cloud Project

Based on the API products and supporting technical services provided by the Cloud Development Platform, you can quickly build enterprise-level IoT industry solutions by using Powered by Tuya devices.

Creation Time

Operation

Edit

Edit

Edit

### 1. Create a Tuya Developer Account

First, go to the Tuya Developer website and **create a free developer account**.

Use the **same email address** that you used to sign in to the Smart Life app. This helps Tuya correctly connect your smart plug to your cloud account later.

### 2. Create a Cloud Project

After logging in to your Tuya Developer account:

- Open the **Cloud** section from the dashboard.
- Go to **Cloud Development**.
- Click on **Create Cloud Project**.

This cloud project will act as the bridge between your smart plug and your dashboard software.

### 3. Select Project Type and Data Center

While creating the project:

- Choose **Project Type: Smart Home**
- Select a **Data Center closest to your location**

 **Important note about Data Center selection.** The data center must match:

- Your country or region
- The region used by your Smart Life app
- The region where your smart plug is registered

If the wrong data center is selected, your smart plug will not appear in the cloud project, even though it works in the mobile app.

### 4. Enable Required Subscriptions

Inside the cloud project, go to the **Service / Subscription** section.

Make sure the following two services are enabled. For beginners, the **free trial version is sufficient**:

- **Cloud Development Base Resource**
- **IoT Core**

These services allow your project to communicate with Tuya Cloud.

### 5. Authorize Required Cloud Services

Next, authorize the following cloud services for your project:

- **IoT Core** (*Required*)
- **Authorization Token Management** (*Required*)
- **Smart Home Basic Service** (*Required*)
- Device Status Notification
- Data Dashboard Service

These permissions allow your software to:

- Read power, voltage, and energy data
- Receive live device updates
- Control the smart plug (ON/OFF)

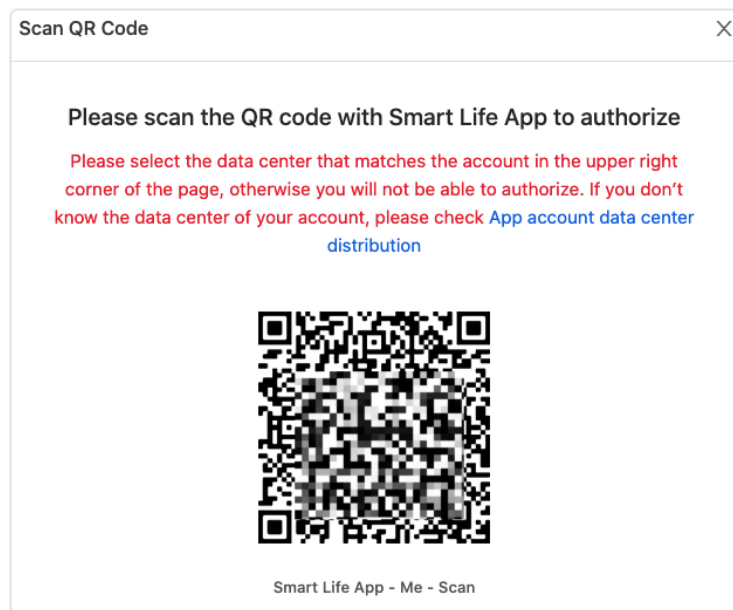
## 6. Get Your Tuya Project Credentials

After completing the setup, open the **Project Overview** page. Here you will find your Tuya project details, including:

- **Access ID /Client ID:** \*\*\*\*\*
- **Access Secret/Client Secret:** \*\*\*\*\*
- **API Endpoint (as Data Center):** Central Europe Data Center

Data Center	API Endpoint
China Data Center	https://openapi.tuyacn.com
Central Europe Data Center	https://openapi.tuya.eu.com
India Data Center	https://openapi.tuyain.com
Western America Data Center	https://openapi.tuya.us.com
Eastern America Data Center	https://openapi.tuya.us.com
Western Europe Data Center	https://openapi.tuya.eu.com
Singapore Data Center	https://openapi.tuyasg.com

## Step 4: Link Smart Life app account to the cloud project



Inside the cloud project:

Inside your Tuya cloud project, follow these steps:

1. Go to **Devices → Link an App → Link Tuya App Account**. A **QR code** will appear on the screen.
2. Open the **Smart Life** mobile app. Tap the **three-dot menu (:)** at the top and choose **Scan**.
3. Scan the QR code and **approve the permission request**.
4. After approval, your smart plug will appear in the cloud project. Go to **Manage Devices** to view the **Device ID**.
5. Tuya securely links:
  - Your Smart Life app account
  - Your physical smart plug
  - Your Tuya cloud project

You have successfully created your Tuya cloud project and added your smart plug. To add another smart plug, simply follow the same steps again.

Once your devices are added, enter your Tuya credentials into the application and start using [Dev AmpereX](#) to monitor and control your devices with ease.



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**Happy Energy Monitoring**

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