



Control your power by:



Mobile



Voice

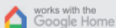


Touch

Download our app from



Compatible with:



ENERJSMART



ANDROID



iOS



Wi-Fi 2.4G



APP Control



Stepless  
Touch



Dimming  
Light



Multi-platform  
Support



Mechanical Push  
ON/OFF Button



INC 300W



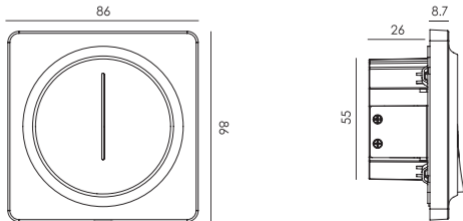
LED Dimmable  
220W



CFL Dimmable  
220W

## 1. Product Introduction

- Excellent design and high-quality materials to ensure long-term stable and reliable service to users
- Optimized dimming algorithms maximize the compatibility of light and does not flicker at any brightness
- Stepless touch dimming makes the brightness adjustment easy and smooth
- Silent mechanical push button design provide the user's best feedback

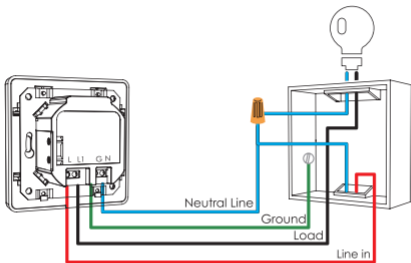


## 2. Specification

SKU	SHA5299
Model No	EDM-01AA-EU
Input Power	100~240V AC 50~60Hz
Dimming Control	TRIAC Edge Cut
Inductive Load (LED/CFL)	220W Max
Resistive Load (Incandescent)	300W Max
Communication	Wi-Fi 802.11 b/g/n 2.4GHz
Control Channel	1CH
Standby Power	≤0.5W
Working Temperature	-10°C~45°C
Working Humidity	<90%
Button Life	500K times
Dimension	86*86*43mm

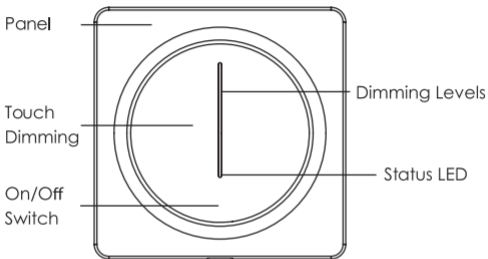


### 3. Installation



1. Disconnect power by circuit breaker.
2. Check the Line with voltage tester pen, make sure the power is off to prevent electric shock.
3. Follow the wiring instructions, connect the dimmer wires to each other leads and check for short circuits.
4. Screw the dimmer into the back box
5. Mounting switch cover plate
6. Connect circuit breaker restore power.

## 4. Connection & Operation

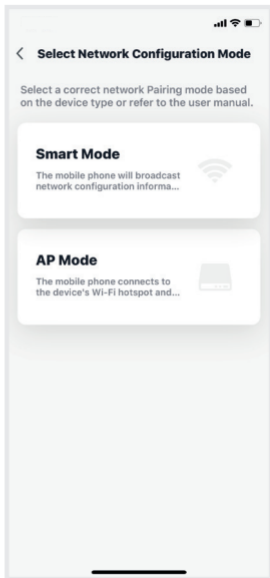


1. Once connect power correctly, the White led on the bottom of dimmer will turn on, dimmer switch is ready to serve.
2. Push on/off button to turn on/off the light.
3. When the light is on, the user can sliding touch the control panel adjust the brightness of the light, and the status indicator on the panel will change at the same time.

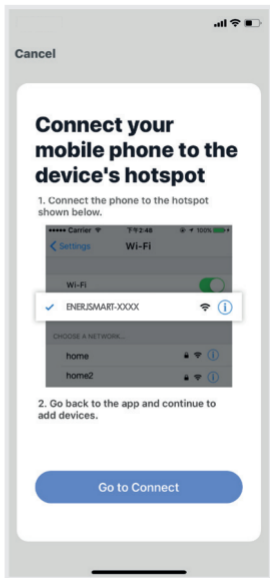
## AP Setup Mode

The AP setting mode is mainly applicable to situations where the network environment is poor, such as multiple network interference or low signal quality.

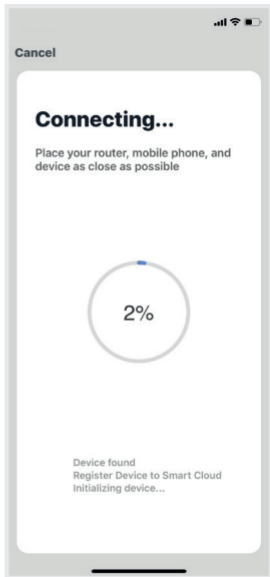
1. In the smart setting mode, the Wi-Fi indicator flashes quickly, please press and hold the switch for 5 seconds to enter the AP setup mode, LED will flash slowly.



2. Open ENERJSMART app and search Wi-Fi SSID "ENERJSMART-XXXX", then connect to the device, wait for the progress to complete, which can take up to 2 minutes.

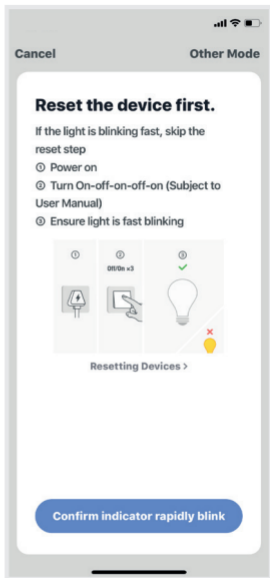


3. After completing the above process, the device will automatically connect to the router.



## Reset the product

Press and hold ON/OFF button for 5 seconds then release, Green power indicator will flash, dimmer get into setup mode, please follow setup instruction to complete setup to start smart function.



## 5. App Operation

1. Scan QR code and download the app iOS or Android version.



Download  
Our App



ENERJSMART

To download, Scan  
the QR code



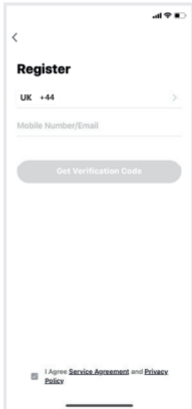
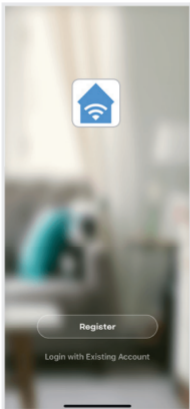
Android



iOS

## 2. Register and login

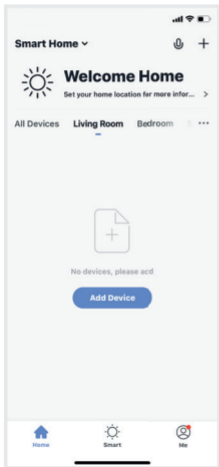
The user first needs to Register first with their mobile number. Once you have registered, you can use the same mobile number to log in to the APP.





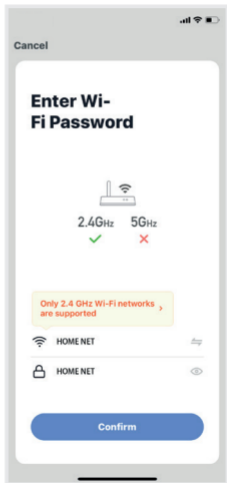
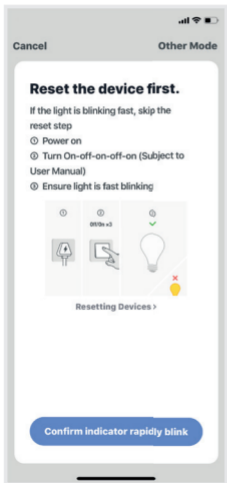
### 3. Add Devices

After that user logs in, click the "+" icon in the upper right corner of the main page to enter the add device interface, select the "Switch" menu and click the switch device icon.



### 3. Add Devices

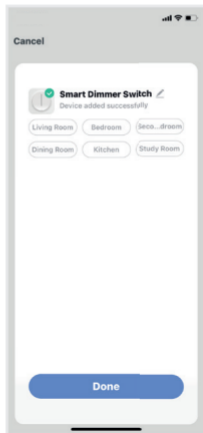
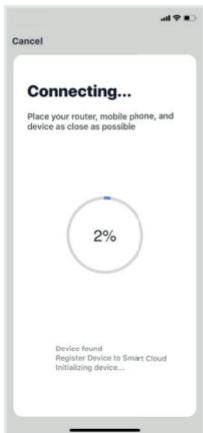
To ensure that the new dimmer power LED is flashing, select the Wi-Fi and enter the password then click OK.



#### 4. Add Devices

Wait for the APP to search for the device. This can take up to 3 minutes.

Once the device is configured successfully, please input preferred name and Select Location.



## Remark

1. Smartphone and device must connect to same Wi-Fi during setup mode.
2. The device must be added to the account before it can be controlled remotely.
3. After the device is successfully accessed, other users can obtain control of the product through the sharing function.

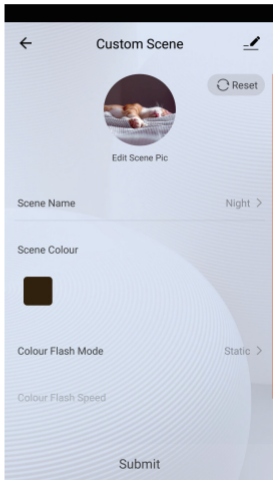
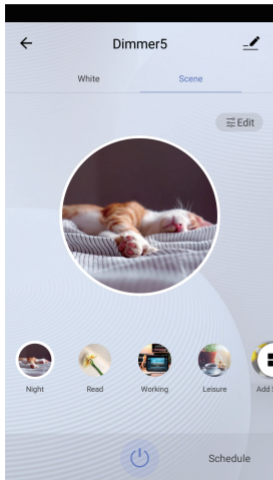
## Troubleshooting

1. Can not connect to Wi-Fi router.
  - a). Also make sure you have good Wi-Fi signal strength at the location of the dimmer.
  - b). Metal box and metal surface - wall board may lock Wi-Fi signal.
  - c). Make Sure you have entered correct WiFi password.
  - d). The Dimmer only support 802.11 b/g/n 2.4GHz Wi-Fi signal, 5G NOT support.

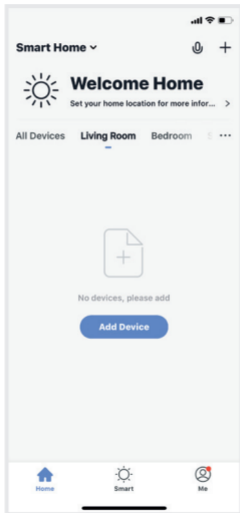
## 5. Control dimmer with APP



## 6. Add scene mode and timing mode in the APP



7. All added devices can be viewed in the main menu of the APP





If you're new to Echo, it's a super smart speaker from Amazon that responds to your voice.

Once you've bought Amazon Echo and downloaded the ENERJSMART App, you'll just need to enable....

### **1. Enable the ENERJSMART App**

In your Alexa app, tap Skills in the menu and search for ENERJSMART. Tap Enable.

### **2. Link Account**

Enter your ENERJSMART App username and password and follow the onscreen instructions.

### **3. Talk to Alexa**

Now the fun part. Ask Alexa to control your ENERJSMART device. Check a full list of things you can control by clicking [here](#).



## Third Party Control Overview



### Google HOME

Now you can use Google's voice-activated speaker to control your Smart Home sockets and adaptors. With the Google Assistant, you can turn on your lights without pressing a button!

#### **1. Setup**

Start by getting the Google Home app and setting up your Google Home if you have not done this already.

#### **2. Add ENERJSMART Action**

In the Google Home app tap the menu icon and select Home Control. Then tap the + button to see a list of Actions tapping ENERJSMART to select the Action.

#### **3. Link your ENERJSMART Account**

Now follow the in-app instructions to link your ENERJSMART App account. Once complete you'll be able to say 'Ok Google, turn my lamp on' or 'Ok Google set hallway to ON/OFF'.

## Safety Warning

Before use please read carefully and use in accordance with these safety wiring instructions. Before commencing any electrical work ensure the supply is switched off at the mains. Either by switching off the consumer unit or by removing the appropriate fuse. Wiring should be in accordance with the latest edition of the IEE regulations (BS 7671).

The ends of the individual conductors should have the insulation removed by approx.12mm. Any bare earth conductors should be sleeved to within 12mm of the ends. (These details are for general information only and conductor lengths may need to be trimmed in certain installations).

## Safety Instructions

Important Please Read 'Changes To Building Regulations'

1. An outdoor location should be chosen ensuring adequate access to a mains supply circuit. The circuit **MUST** be protected by an appropriate fuse, circuit breaker or RCD (Residual Current Device) in accordance with current IEE wiring regulations.

2. Where conduit is used for cable runs, water condensation MUST be prevented from collecting inside the unit & conduit. Drain holes MUST be drilled out (see Installation Instructions)
3. If metal conduit is used, earth continuity across the conduit must be maintained using appropriate connections (not supplied). An earth terminal in the Rear Box is provided as required. An earth connection from supply circuit MUST be made to earth terminal of socket.
4. Where outdoor cable runs occur, ensure cable recommended for outdoor installations is used. In general, rubber insulated cable & plastic M20 cable glands can be used. Alternatively, standard flat PVC twin & earth mains cable inside 20mm plastic or metal conduit may be used. Where necessary, SWA (Steel Wire Armoured) cable with metal cable glands should be used. The outdoor use of unprotected flat PVC insulated cable is NOT recommended.
5. To ensure continued safe & proper weatherproof operation, the unit MUST not be left with the Cover raised open or the Catch left unlocked. Unused cable entries MUST have Blank Plugs fitted.

## Caution:

Products should be installed as per the instructions mentioned in this manual and also as per current electrical codes National Electric Code (NEC).

To avoid the risk of fire, electrical shock or injury, it is advisable that the installation is done by a trained Electrician. Also it is important that mains power supply is switched off before the product is installed or repaired.

It is advisable to keep the manual for future reference.

## Please Note:

Wi-Fi frequency is 2.4G and not 5G (5G not supported). You can do this by contacting your broadband service provider and requesting to either switch to 2,4G entirely or split it between 2.4G and 5G

If despite following the process as instructed above, you still fail to add the device, then possibly there is a firewall on your Wi-Fi router blocking this device to be connected to your Wi-Fi

Router. In such a case you would need to disable the firewall, add this device following above process and once the device is added, enable the firewalls back again.

## Stuck? Confused?

Contact our Technical Support team on:  
T: +44 (0)2921 252 473 | E: [support@ener-j.co.uk](mailto:support@ener-j.co.uk)

Lines are open Mon - Fri (8am to 4pm)

