

**EMCÜD**  
LIGHTING  
GROUP

THE **POWER** BEHIND THE **LIGHT**

# 300W SMART TRANSFORMER



## SPECIFICATIONS

INPUT: 120VAC 60Hz 2.5A

OUTPUT: 15VAC

MAX RATING: 300VA max

MODEL: ELS-GM-0300-120M12-SS-AI

P/N: SMT300W

3 Channels, single channel can handle full 300W

Caution-DO NOT exceed 300W total output, includes lamp load+output wire loss

## SYSTEM

WIRELESS TYPE: 2.4GHz IEEE802.11 B/G/N

WI-FI RANGE: 80FT(FREE AREA)

APP: SMART LIFE

IOS: 8.0 or HIGHER

ANDROIB; 4.1 or HIGHER

### Download Smart Life App



Download on the  
App Store

GET IT ON  
Google Play

### Download Emcod App



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App Store

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## SAFETY INFORMATION

1. Do not install within 10 feet (3 m) of a pool, spa, or fountain.
2. This transformer is suitable for mounting within 12 in. to 48 in. (0.3 m to 1.2 m) of the ground.
3. For use with a low voltage outdoor landscape lighting system.
4. There are no serviceable parts inside the power supply unit. DO NOT DISASSEMBLE.
5. Do not submerge transformer.
6. Do not connect two or more transformers in parallel.
7. Do not use with a dimmer.
8. Plug the power supply unit directly into a GFCI wet location outlet.
9. Do not use an extension cord.
10. The maximum output of this transformer is equal to or less than 300 watts. Do not overload the transformer.  
Be sure that the total cumulative wattage of all 12-volt fixtures connected to the transformer is equal to or less than 300 watts. Total bulb wattage must not exceed a maximum of 200 watts.
11. For best performance, and to limit operation of the automatic thermal protector, do not install where air flow around the unit is overly restricted.
12. For supply connections, use wire rated for at least 60°C.
13. Keep enclosure cover closed.



**WARNING:** Risk of Electric Shock. Install power unit 5 feet (1.5 m) or more from a pool, spa, or fountain. Where the power unit is installed (a) indoors within 10 feet (3.0 m) of a pool, spa, or fountain or (b) outdoors, connect power unit to a receptacle protected by a GFCI.



**WARNING:** For outdoor installations use UL Listed Underground low energy circuit cable or SPT-3 or SPT-2W. Failure to use at least 16-gauge minimum cable or install it as directed in these instructions may result in Risk of Fire or Electric Shock. Using large cable will ensure maximum light output.



**WARNING:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



**IMPORTANT:** This landscape light system must be installed in accordance with all local codes and ordinances. If you are experiencing problems, contact a qualified electrician.

## PRE-INSTALLATION

Hardware Included



**NOTE:** Hardware not shown to actual size.



Part	Description	Quantity
AA	4.8X30 Screw	2
BB	Wall Anchor	2

## CABLE SELECTION CHART

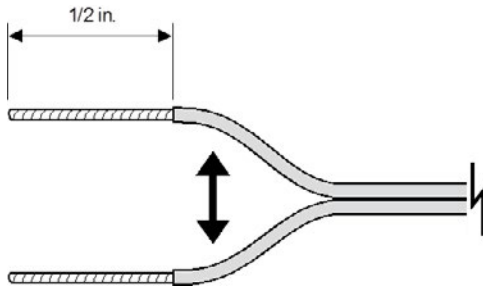
15 VOLT

Total Fixture Wattage	Cable Length		
	0 – 50 ft.	51 – 100 ft.	101 – 150 ft.
121 – 180 Watts	14 AWG	14 AWG	12 AWG
181 – 200 Watts	14 AWG	14 AWG	Not Recommended
241 – 300 Watts	12 AWG	12 AWG	Not Recommended

## INSTALLATION

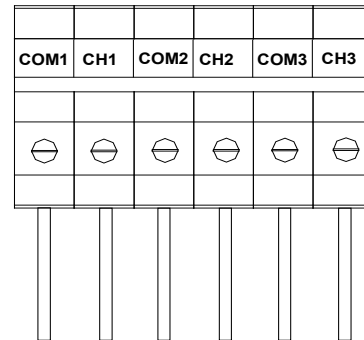
### 1 Preparing the cable

- Use caution when splitting to avoid exposing copper wire.
- Remove 1/2 in. of insulation from both wires and twist the ends. Refer to the strip-length guide on the transformer (A).



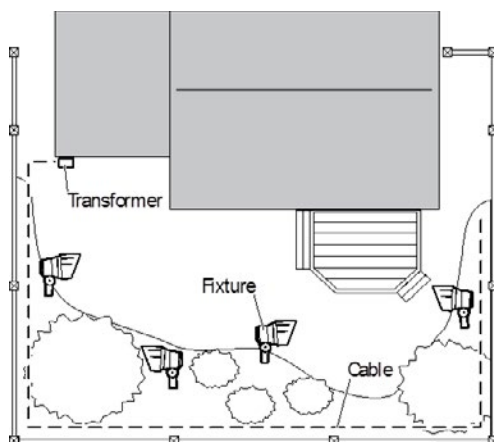
### 2 Connect Cable

- Lay the transformer on a flat, stable surface and insert the stripped end of one wire under the terminal clamping plate COM1 CH1, COM2 CH2, COM3 CH3, Then tighten the screw.



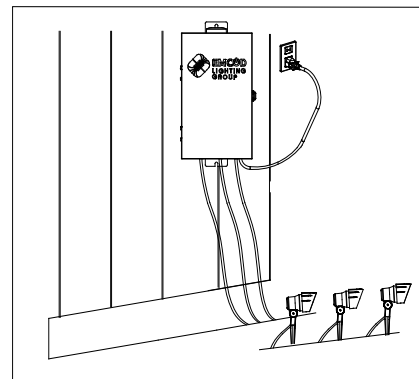
### 3 Layout Garden Light

- Lay the fixtures (not included) in their desired locations. Be sure they do not exceed the 300-watt rating of the transformer.
- Route the low voltage cable to the fixtures. If there is extra cable, coil the cable after the last fixture.



### 4 Mounting the transformer

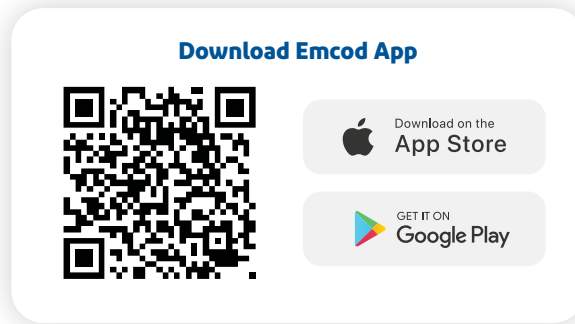
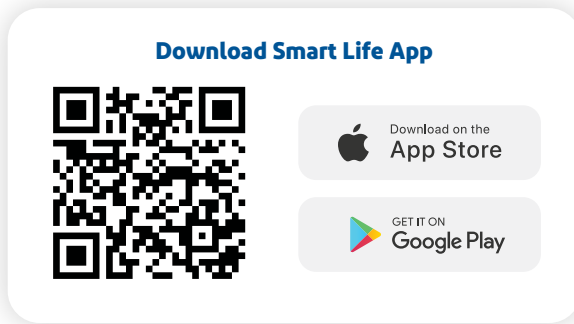
- Turn the transformer on. Attach your fixtures to the cable to using cable connectors as shown.



## PROGRAMMING

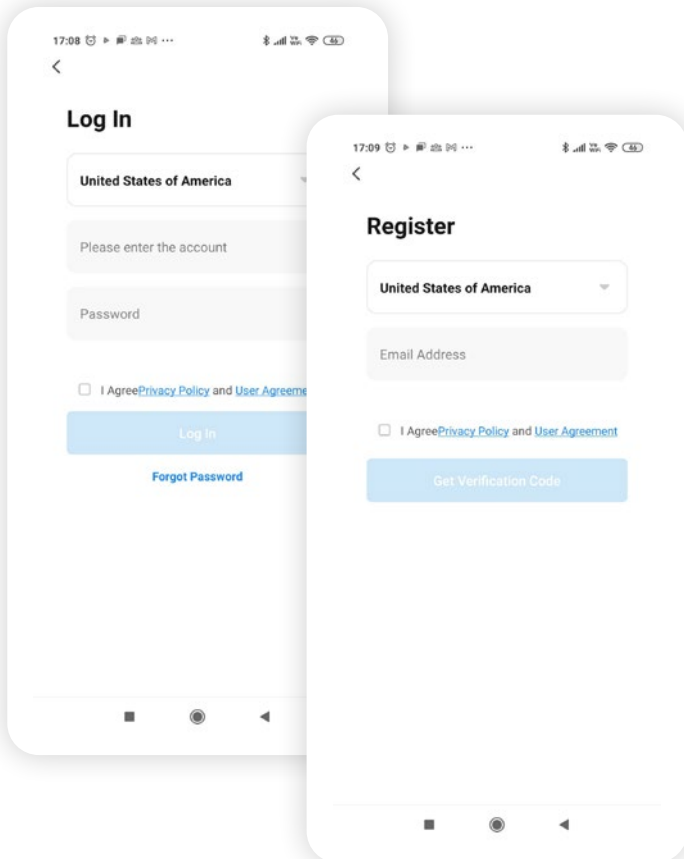
### 1 Download the app

- Search Emcod Lighting Group in Apple’s App Store and and other major app stores.
- Our device works with the Smart Life App if you already have this downloaded. Or you can scan the following QR codes to download now.



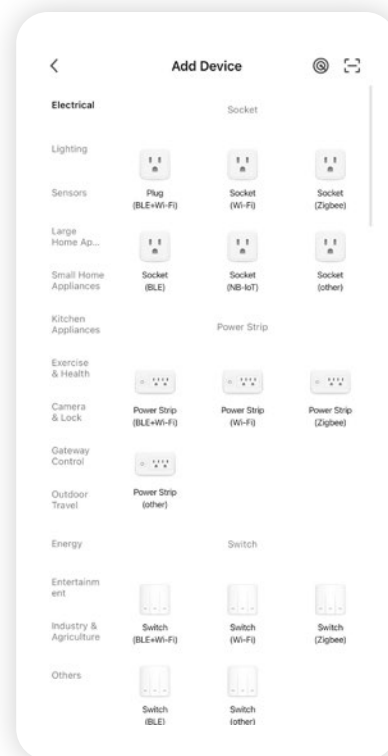
### 2 User accounts

- Open the “Smart Life” app. Tap “Register” to create a new account or Log In to log your account.

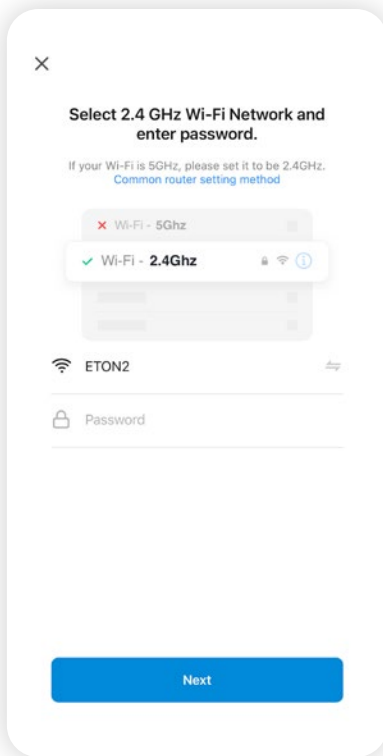


### 3 Tap the top right corner “+”

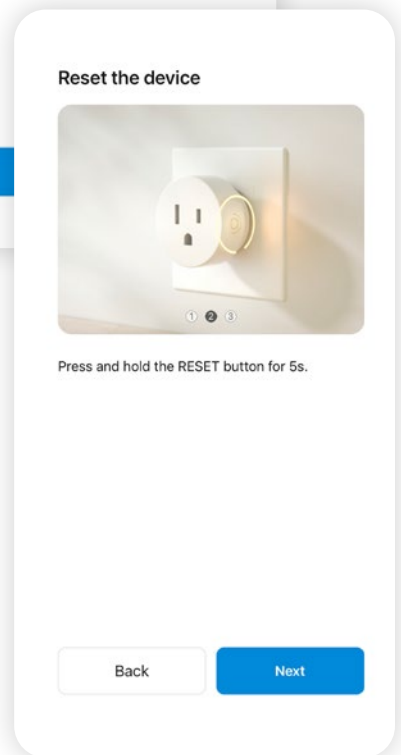
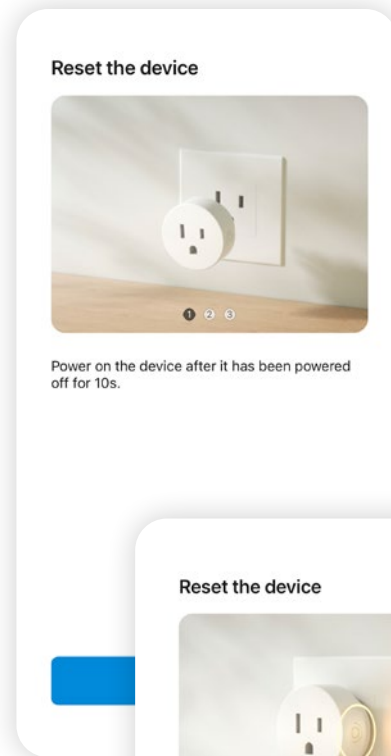
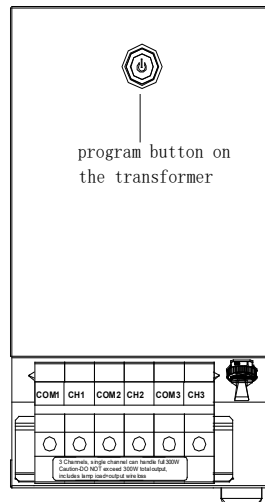
And then choose “Power Strip(WI+FI)”



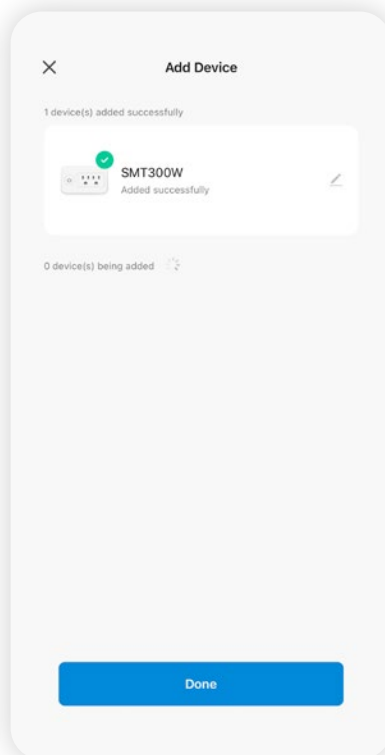
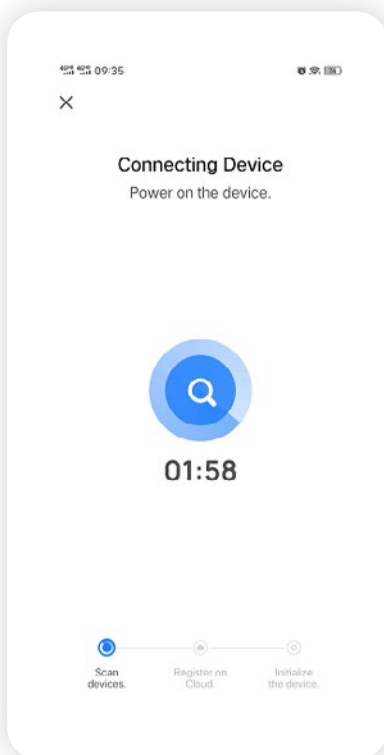
**4 Choose your network and enter the password**



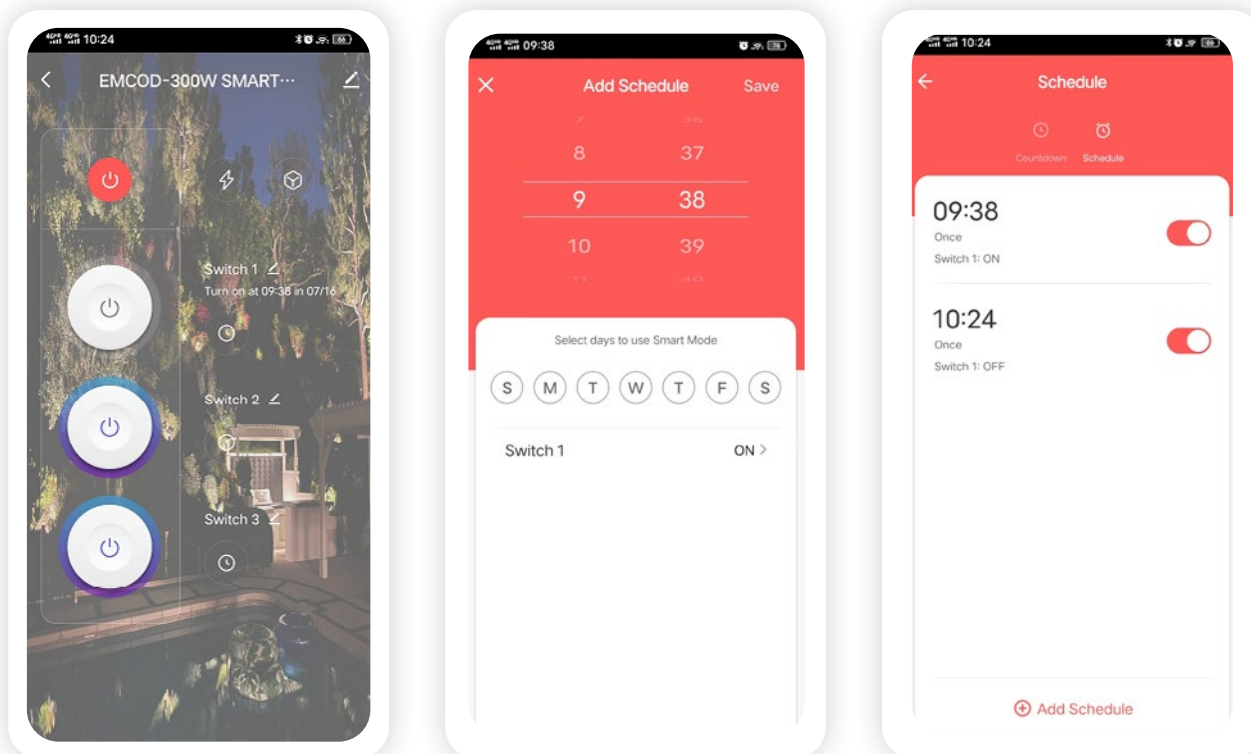
**5 Long press the program button on the Transformer until the blue light flash, then Press the "next" button on the app step by step.**



**6 After the connection is successful, change the device name.**



## 7 Independent time setting for the three-way control of the equipment.



## 8 Work with Alexa

Link Smart Life account to Alexa

- Open your Alexa app, tap "Skills" in the menu, and then search "Smart Life" Select "Smart Life" and tap "Enable" to enable the Smart Life skills.
- You will be directed to the account link page. Type in your "Smart Life" account and password, don't forget to select your country/ region where your account belongs to and then tap "Link Now" to link your Smart Life account. Control your smart devices.



**DISCOVER DEVICES:** Echo needs to discover your smart devices before it controls them. You say "Alexa, discover devices" to Echo. Echo will discover devices which have already been added in the "Smart Life" app. You can also tap "discover devices" to discover the smart devices. Discovered devices will be shown in the list.



**NOTE:** Every time you change the device's name on the Smart Life app, Echo needs to re-discover the device before controlling them.