



User Guide

Kasa Smart Wi-Fi Outdoor Plug
KP400

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About This Guide

This guide provides a brief introduction to smart outdoor plug and the Kasa app, as well as regulatory information.

Please note that features of this product may vary slightly depending on the model and software version you have, and on your location, language and internet service provider. All images, parameters and descriptions documented in this guide are used for demonstration only.

Conventions

In this guide, the following convention is used:

Convention	Description
Teal	Key information appears in teal, including management page text such as menus, items, buttons and so on.
<u>Underline</u>	Hyperlinks are in teal and underlined. You can click to redirect to a website.

More Info

- Specifications can be found on the product page at <https://www.tp-link.com>.
- Our Technical Support and troubleshooting information can be found at <https://www.tp-link.com/support>.

Introduction

Extend your smart home to the outdoors with the weather-resistant smart outdoor plug. Control your patio lights, holiday decorations, and more from the convenience of your smartphone. Turn each outlet on/off individually, set schedules, even use simple voice commands with Alexa, Google Assistant, or Microsoft Cortana to control the devices connected to the plug.


- **Double the Outlets** - Control 2 outdoor devices from anywhere individually with one smart plug.
- **Weather-resistant** - The weather-resistant smart outdoor plug is ideal to control your patio lights, sprinklers and any other outdoor devices.
- **Control from Anywhere** - Turn your outlets on/off or set schedules from anywhere using your Kasa Smart app.
- **Voice Control** - Use voice commands to control your smart plug with Alexa, Google Assistant or Microsoft Cortana.
- **No Hub Required** - The outdoor smart plug works with a secured 2.4GHz wireless network without the need for a separate hub.
- **Set Schedules** - Individually schedule each device connected to your plug to automatically switch on/off at set times.




Supported Load Types


Coffee Maker: 1500 W	Heater: 1500 W	Toaster: 1500 W
Desk Lamp: 86.4 W	Humidifier: 600 W	Fan: 74.5 W
LCD: 74.5 W	Iron: 1500 W	

Appearance

This smart outdoor plug has two individual smart outlets, each with a control button to turn on or off the plug-in device and a LED to show you the current status. The System LED  changes color according to different status. See the explanation below:



 **Smart Outlet x 2**
Plug in your device and control it from your smartphone.
Each outlet is independent.

 **LED of Smart Outlet x 2**
Lit up when the corresponding smart outlet is on.


Control Button x 2


Press the control button to turn on or off the corresponding outlet.


Press and hold a control button for 5s to reenable setup mode.

Press and hold a control button for 10s to restore your smart outdoor plug to factory default settings.


 **System LED**

 **Orange**
Rebooting.

 **Blinking Orange and Green**
Setup mode initiated.

 **Blinking Green**
Searching for Wi-Fi.

 **White**
Connected to Wi-Fi network successfully.

 **Blinking Orange**
Resetting.

 **Red**
No Wi-Fi connection.

Set Up Your Smart Outdoor Plug

Follow the steps below to set up your smart outdoor plug via [Kasa Smart](#) app.

1. Download and install Kasa app

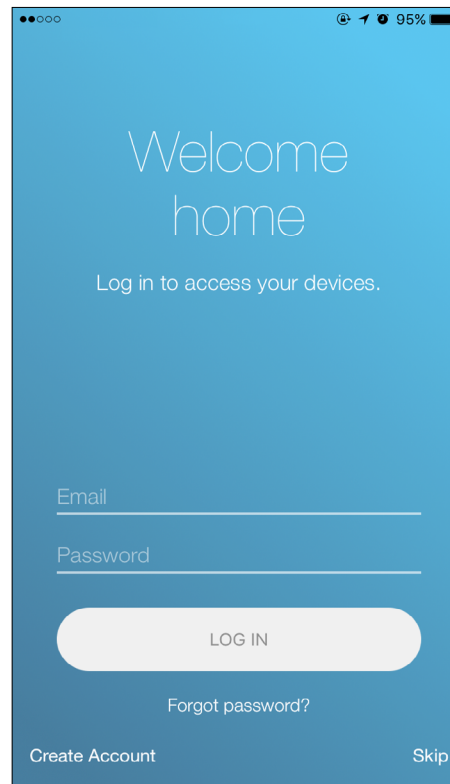
Go to Google Play or the Apple App Store or scan the QR code below to download the Kasa app on your Android or iOS smartphone or tablet.



2. Log in or sign up with TP-Link ID

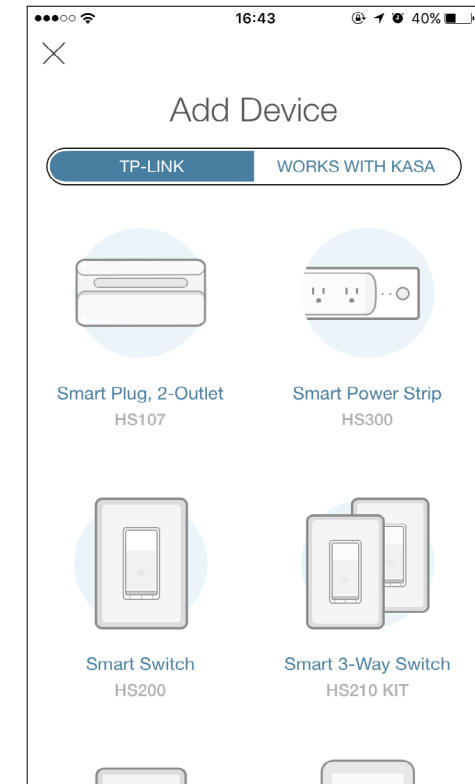
Open the app. Use your TP-Link ID to log in.

If you don't have a TP-Link ID, tap Create Account and the Kasa app will guide you through the rest.



3. Add Device

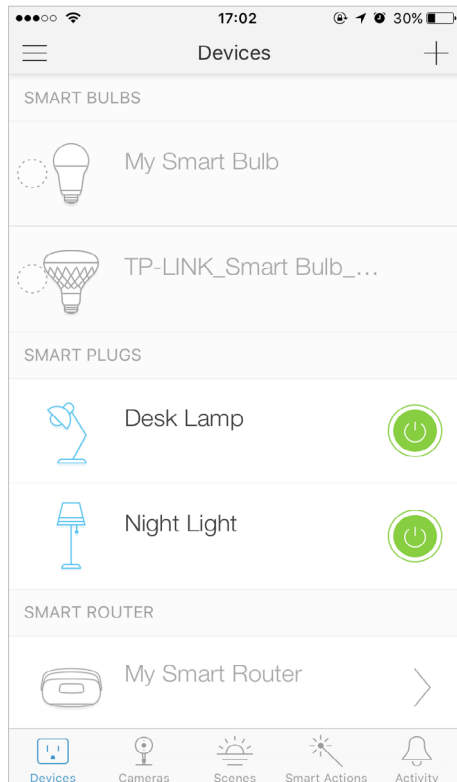
Tap the + button in the Kasa app, select [Smart Outdoor Plug](#) and then follow step-by-step app instructions to complete the setup.



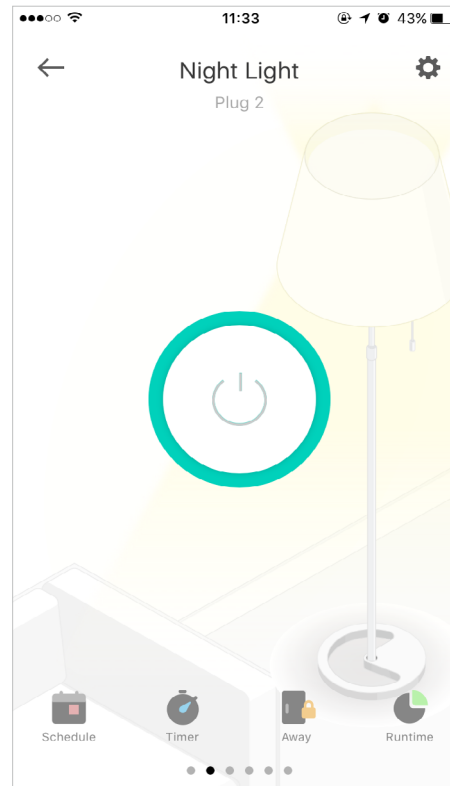
Main Device Controls

After you successfully set up your smart outdoor plug, you will see the home page of the Kasa app. Here you can view the status of all devices that you've added to Kasa and manage them. There are 2 smart outlets of HS107 and you can tap on a smart outlet to control and manage.

Home Page




Device Status

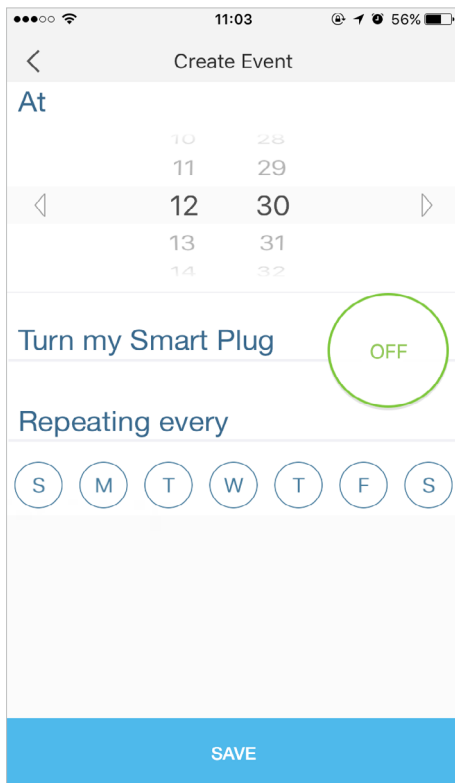


Configure Your Smart Outdoor Plug


On [Device Status](#) page, you can set Schedule, preset Away Mode, set Timer, check Usage and change the settings of your smart outlets.

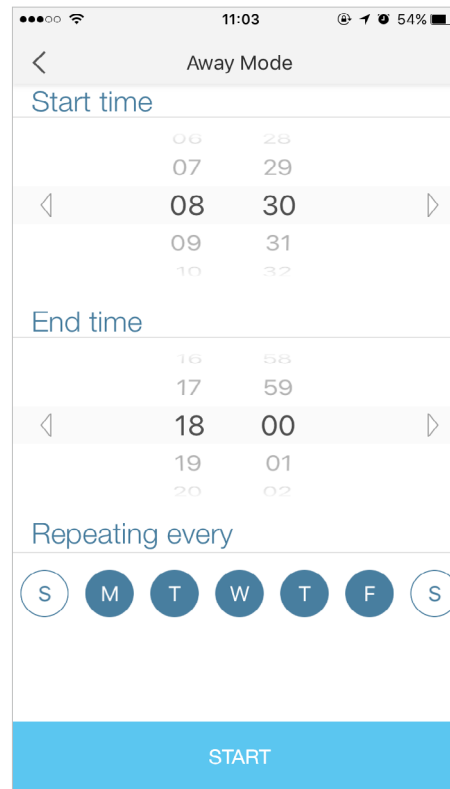
Set Schedule

Tap  to set a schedule for your smart outlet to simplify your daily routine by creating automatic On/Off action.




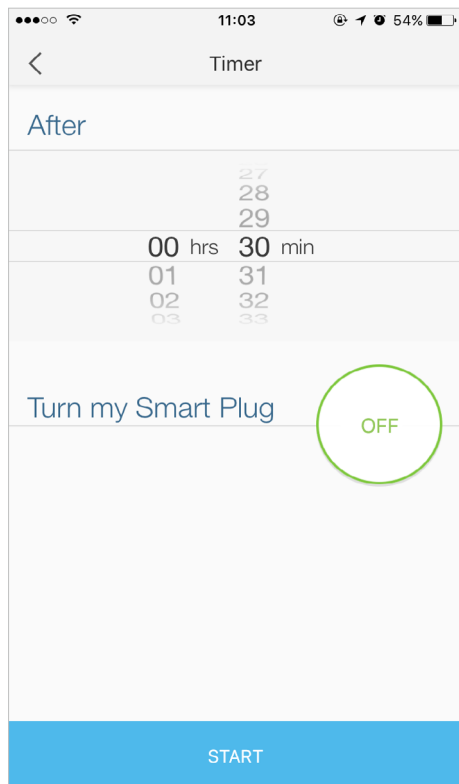
Preset Away Mode

Tap  to preset the Away Mode and your smart outlet will be randomly turned on/off during this time.




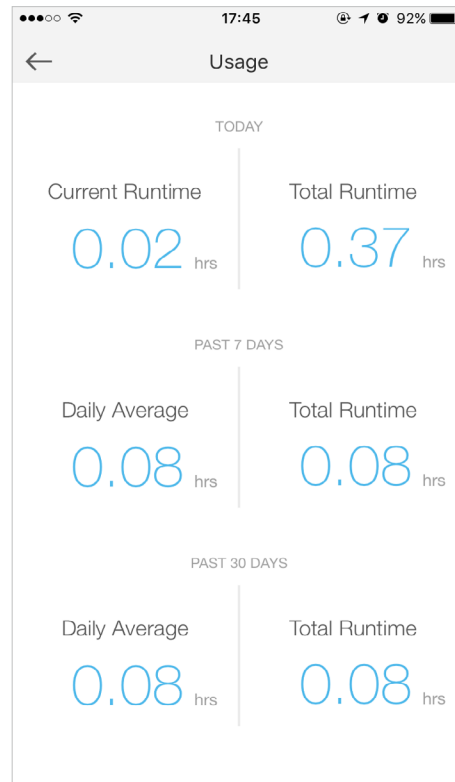
Set Timer

Tap  to set the timer and your smart outlet will automatically turn on/off after the time ends.




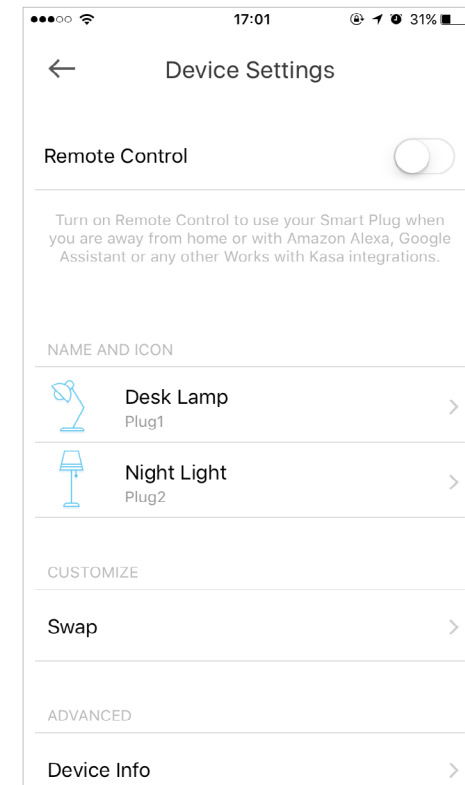
Check Usage

Tap  to view and track energy consumption.



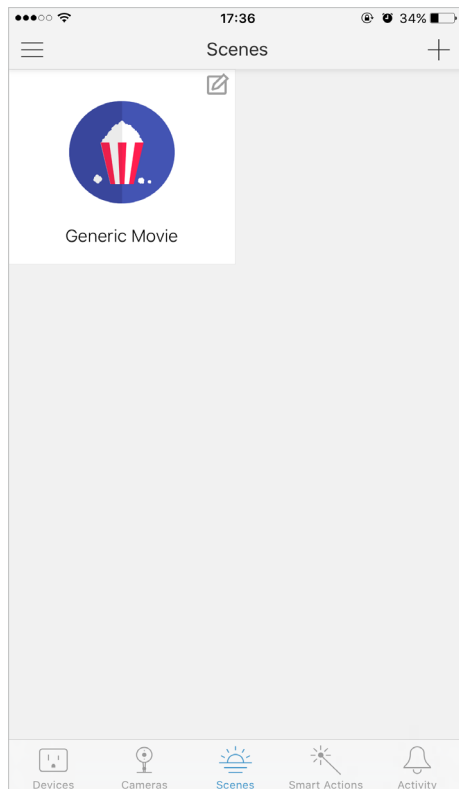
Device Settings

Tap  to view and change the settings of your smart outlet.



Create Scenes

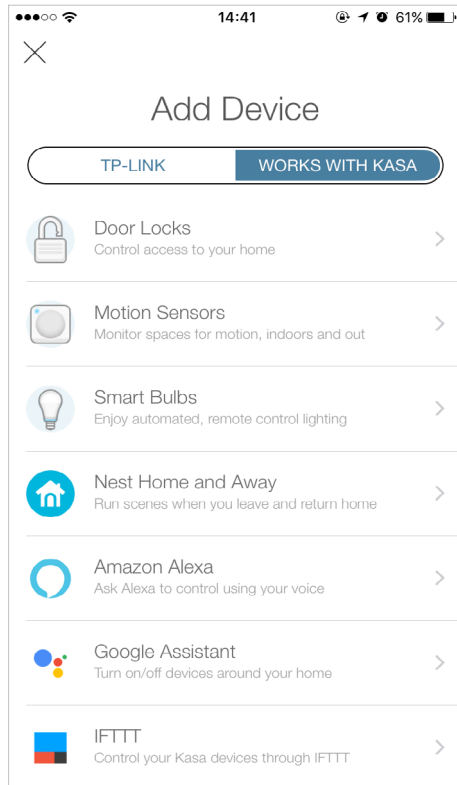
A scene is a preset group of smart devices that can be programmed, customized and activated simultaneously at the touch of a button from your smartphone or tablet, allowing you to easily set your mood, activity or fit any special occasion. This page allows you to preset how your smart home devices should act automatically at special occasions.



Discover Kasa


Use the Kasa app to pair your smart outdoor plug with Amazon Alexa, Google Home Assistant or Microsoft Cortana and enjoy a full hands-free experience. IFTTT support makes it easy to set interactions between a whole host of products.

Launch the **Kasa** app and go to **Add Device > WORKS WITH KASA > Nest Home and Away / Amazon Alexa / Google Assistant / IFTTT** for detailed instructions.



Authentication

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FCC Compliance Information Statement



Product Name: Kasa Smart Wi-Fi Outdoor Plug

Model Number: KP400

Responsible party:

TP-Link USA Corporation, d/b/a TP-Link North America, Inc.

Address: 145 South State College Blvd. Suite 400, Brea, CA 92821

Website: <http://www.tp-link.com/us/>

Tel: +1 626 333 0234

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E-mail: sales.usa@tp-link.com

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

"To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

We, **TP-Link USA Corporation**, has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2018-08-31

Canadian Compliance Statement

This device complies with Industry Canada license-exempt RSSs. Operation is subject to the following two conditions:

- 1) This device may not cause interference, and
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) l'appareil ne doit pas produire de brouillage;
- 2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Industry Canada Statement

CAN ICES-3 (B)/NMB-3(B)

NCC Notice

注意！

依據 低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性或功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通行；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信規定作業之無線電信。低功率射頻電機需忍受合法通信或工業、科學以及醫療用電波輻射性電機設備之干擾。

BSMI Notice

安全諮詢及注意事項

- 請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。
- 清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清潔。
- 注意防潮，請勿將水或其他液體潑灑到本產品上。
- 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。
- 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。
- 請不要私自打開機殼，不要嘗試自行維修本產品，請由授權的專業人士進行此項工作。

限用物質含有情況標示聲明書

產品元件名稱	限用物質及其化學符號					
	鉛 Pb	鎘 Cd	汞 Hg	六價鉻 CrVI	多溴聯苯 PBB	多溴二苯醚 PBDE
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源供應板	—	○	○	○	○	○

備考 1. "超出 0.1 wt %" 及 "超出 0.01 wt %" 系指限用物質之百分比含量超出百分比含量基準值。
備考 2. "○" 系指該項限用物質之百分比含量未超出百分比含量基準值。
備考 3. "—" 系指該項限用物質為排除項目。

Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device.
- Do not use the device where wireless devices are not allowed.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- Operating Temperature: 0°C~40°C (32°F -104°F)
- Operating Humidity: 10%~90%RH, Non-condensing



- Storage Humidity: 5%~90%RH, Non-condensing
- For outdoor usage, use this product with ground fault circuit interrupter (GFCI) outlet.
- Risk of electric shock. Do not open. No user serviceable parts inside.
- Do not immerse into water.
- Refer servicing to qualified service personnel.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

WARNING

- Timer could turn-on unexpectedly without the user being present. To Reduce the Hazardous Condition – Unplug the appliance that is plugged into the receptacle(s) controlled by the timer before servicing.
- Risk of Electric Shock. Do not plug into another relocatable power tap or an extension cord.
- When plugged into grounded 3-prong outlet , always ensure that the housing is facing downward and is at least 2 feet off the ground . Use the plug's mounting tag to hang from a screw to ensure correct orientation.
- DO NOT expose to heavy rain or immerse in water or any other liquid.
- DO NOT remove ground pin (middle pin) or use with 3-to 2-prong adapter.
- DO NOT use with devices that should not be operated unattended , such as power tools.
- DO NOT use in precision timing applications where inaccurate timing could be dangerous(sunlamps , Saunas , etc)
- Keep children away from SmartPlug and outlet
- No Serviceable parts inside . DO NOT open or tamper with unit.
- Do not discard the stopper, the plug should be covered when the socket is not in use.
- Remove Smartplug from outlet before cleaning
- DO NOT clean with liquid
- DO NOT exceed the recommended electrical ratings

Explanation of the symbols on the product label

Symbol	Explanation
	AC voltage
 	<p>RECYCLING</p> <p>This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.</p> <p>User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.</p>