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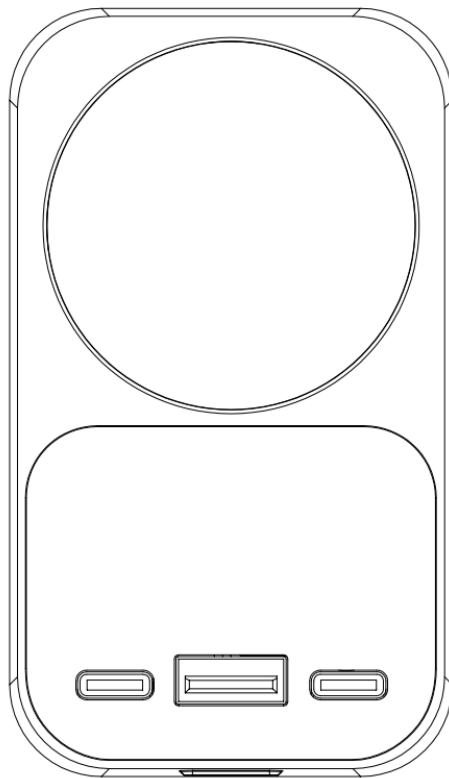# product specification

SPECIFICATION

product name：Smart Plug

PRODUCT MODEL：TP16

edition ：V1.0

Prepared by: Xie Hai

The smart socket is a creative product that utilizes the existing WiFi network in your home, allowing your smartphone or tablet to turn on or off specific appliances through an app while connected to the internet. Moreover, due to the ability of smart Wi Fi and Bluetooth BLE smart sockets to completely power off electrical appliances, controlling them with smart Wi Fi and Bluetooth BLE smart sockets allows for on-demand use and opening

1、Product images

2、Product specifications

Serial Number	Parameter	Rating	notes
1	rated voltage	AC 100-240V	
	input frequency	50HZ/60HZ	
2	rated power	3520W	
3	output power	PD65W	
4	Output Protocol	USB-C1/C2:5V3A、9V3A、12V3A、15V3A、20V3.25A 65W MaX PPS:3.3-11V4.08A、3.3-21V3A USB-A:5V3A、9V3A、12V2.5A 30W MaX USB-C1+USB-C2:45W+20W USB-C1+USB-A: 45W+18W USB-C+USB-C2+USB-A: 45W+15W USB-C2+USB-A: 5V3A	
5	Wifi	802.11 b/g/n	
6	Wifi	2.4GHz	
7	Shell material	PC	
8	lifetime	Electrical lifespan of 100000 cycles	
9	pilot lamp	blue	

3、Product Features

3.1 Function Description

Serial Number	function	describe	notes
1	Mobile remote control	You can remotely control the on/off of smart sockets in a network environment through a mobile app.	
2	countdown	You can set how long to turn on/off through the mobile app.	
3	Timing	You can set the smart socket to perform scheduled operations after the required time point through the mobile app.	
4	group control	Multiple Wi Fi and Bluetooth BLE smart sockets can be created as a group to achieve synchronous control.	
5	online upgrade	After a new version of the app is released, it can be upgraded online within the app to add more features.	
6	Intelligent sharing	You can share your device with friends on the mobile app.	
7	voice control	Support AI speakers: Alexa、Google Home、Third party control such as Tmall Genie.	

3.2 Usage environment

state	temperature。C	humidityR.H.
work	-10～ 40°C	＜ 80%
贮存	-40～80°C	＜ 80%

3.3 Reliability testing

state	Condition/Temperature°C	Condition/HumidityR.H.	Time/frequency
High temperature work	60°C	＜ 80%	8H
Low temperature operation	-20°C		8H
Charter flight aging	25°C	70%	48
impact test	100V	220V	10000次

4、Distribution network operation

1. Turn on your phone and Bluetooth, and connect your phone to a 2.4GHz Wi Fi network.
2. After power on, the blue light flashes rapidly (2 times/second).
3. Open and log in to the smart life app, click on the add icon in the upper right corner, and click on the prompt to connect the product to enter the confirmation next step.
4. After successful addition, click 'Finish' to jump to the control page of the light.
AP distribution network: When the device lights flash, press the switch for 5 seconds to enter a slow flashing state Open the device addition interface on the app and manually add WIFI devices,
Mode, click on slow flashing (once every 2 seconds) for network connection.

5、Warning and Precautions

1. Do not use or store equipment in damp environments such as bathrooms, as well as in dusty or dirty places. This may damage the components and electronic parts.

2. Do not place the device in an overheated area, as high temperatures can shorten the lifespan of electronic devices and damage plastic parts of the product.

3. Do not strongly impact or rub the equipment Doing so may damage its precise structure.

4. Do not use strong chemicals or strong detergents to clean equipment.

5. Do not use in flammable and explosive environments.

6. If any odor, heat, or discoloration is detected Abnormal situations such as deformation, please stop using the equipment immediately and contact us.

7. During operation, if there is radio frequency interference, the smart socket may not work.

8. Do not place it within reach of infants and young children. Children should use it under parental supervision.

9. Please pay attention to electrical safety when powering on this product.

10. Can only be used indoors.

FCC Statement

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution

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

FCC Radiation Exposure Statement

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) 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. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure