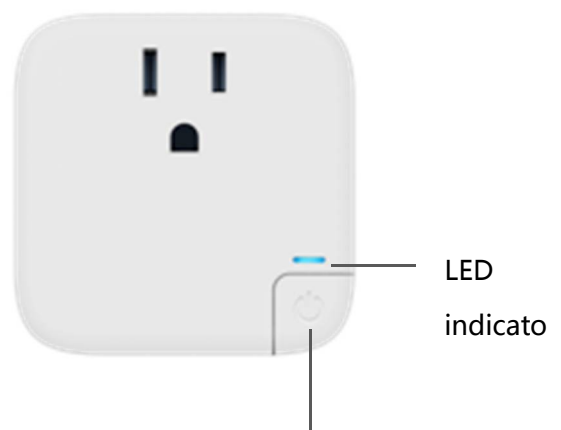# DEXATEK
Smart Power Plug(US) Specification

1. DESCRIPTION

The Smart power plug is an intelligent plug to facilitate your daily life. Users can control appliances with a single switch from App as well as check appliances energy usage at any time with simple graphical representations. Furthermore, the plug can let users control appliance power with scheduling to fits what they need then avoid unnecessary energy waste.

The Smart Power Plug has overload protection mechanism. When overload is detected, power will be turned off automatically to ensure the safety.

LED indicato

Power and Reset button

2. FEATURES

- ON/OFF control, monitoring and scheduling

- Power consumption measurement and cost calculation

- Power management for energy efficiency

- Overload warning and protection for security of electricity supply

- Detect and indicate the power consumption of different devices

- Support APP - **∑Casa Go** or **∑Casa** can be selected according to user needs

  1. ∑Casa Go APP

     ✓ Standalone → No need Central gateway

     ✓ Direct Control（Near field Control）→ Mobile devices can control device directly via Blue tooth.

     ✓ ON/OFF local control / group control

  2. ∑Casa APP

     ✓ ∑Casa Link supported → Devices in home automation environment can communicate with each other via Central Gateway.

  3. Features list as below

	Sigma Casa	Sigma Casa Go
Central Gateway device	√	
Region	√	
Schedule Job	√	
Σ Link	√	
Remote Control	√	
Local Control	√	√
Group Control	√	√

Device support	All Sigma Casa Devices	Power Plug LED adapter Thermostat
Widget	√	

3. SPECIFICATION

Item	Description
Bluetooth	Bluetooth 4.0 Smart (Low Energy Support)
Input Power	100~120 VAC +/- 10%, 50/60Hz
Rated Load Current	Normal load - 1650W Full load - 1800W Over load - over 1800W
Over Load Protection	If the load is over 1800W, power will be turned off automatically
Transmission range	25m for mixed space, 100 m for open space
Operating Temperature	-5 ~ 45˚C
Operating Humidity	10% ~ 90% RH
Safety	FCC / UL
Dimension	63 x 63 x 29 (mm)

4. LED STATUS

Color	Status
Blue	BLE broadcast for pairing (1 Second flash interval)
	Power ON
Red	All errors

5. System Required

- iOS - iOS 8.0 and above with Bluetooth Low Energy(Bluetooth 4.0)

- Android - Android 4.3 and above on Bluetooth 4.0 Smart Ready devices

- ∑Casa/∑Casa Go App

- ∑Central/Smart Gateway

6. Installation

- Before starting to use Dexatek Smart Power Plug, please make sure you have ∑Central/Smart gateway and **∑Casa App** or **∑Casa Go App** installed. If you don't have ∑Casa App on your smart phone, please download from Google Play for Android phone or Apple store for iPhone.

- Pair with Dexatek Smart Gateway
  Please refer to Smart Home Quick Installation Guide.pdf