



## PAN15 Smart Plug with Metering Function

- Z-Wave 500 Module Adopted
  - Farther RF Transmit And Receive Range
  - Monitoring Power Consumption
  - Easily Turn Appliances On/Off Remotely
  - Auto Repeater Function
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## SUMMARY

### Introduction

PAN15 is a beautiful, innovative and good performance smart outlet. The built-in power meter can let you monitor the power consumption of your electric appliances. PAN15 is also a well-designed and remotely intelligent device. You can easily know the states of your home appliances like lamp or oven in your kitchen. And no need to worry about if they are not turned off. You can switch the lamp off or turn the oven off when you are in office or even go on a vacation.

The PAN15 smart outlet can work as a repeater in Z-Wave network. It can extend the Z-Wave network range. And no need to do any configuration, just plug it in the socket.

The PAN11 bring a convenient and intelligent life to you.

### Goals

Philio committed on creating the home automation product which is innovative, reliable price, and also the beautiful appearance. We believe that people not only need a products to use, but also a smart and elegance thing to satisfy the desire on beauty things. That's why we made every products a family look and reduce the size. It can fit your home decoration easily and feel no unexpected.

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## MAIN FEATURES

**Z-Wave 500 series module inside**

**Higher output power to enhance the communication range (+5dBm output power as compared to -2.5dBm 300 series)**

**Zero crossing technology**

**Easy install**

**Overload protection**

**Auto report switch states when manually push the ON/OFF button**

**Auto report the wattage when variation over 5%**

**Voltage, current, power factor, instant power wattage and accumulated power consumption KWh report**

**UL**

**FCC Part 15 B**

**FCC Part 15 C**

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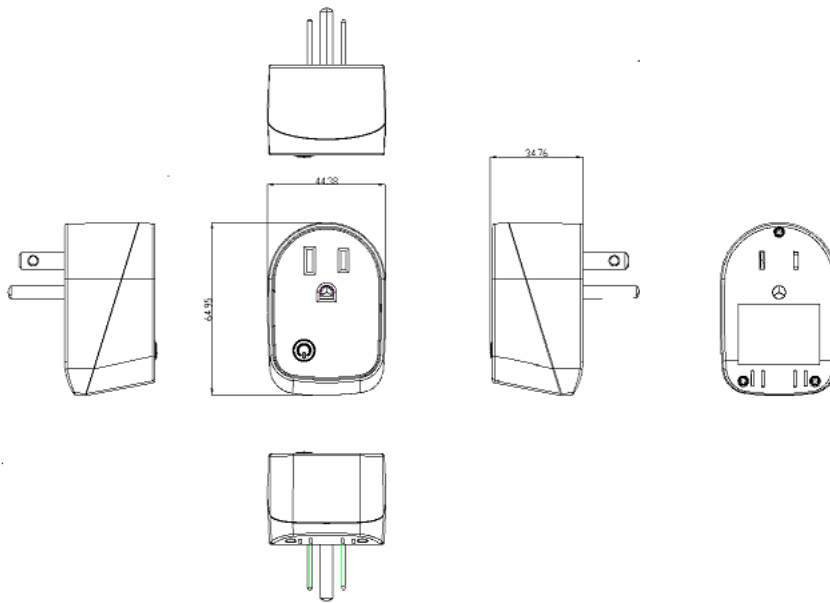
## SPECIFICATIONS

<b>Hardware</b>	Standby Power	0.5 W Switch/LED OFF, No Load
	Operating Power	1.0 W Switch/LED ON, No Load
	Overload	14.5 A
	Supply Voltage	90 ~ 260 VAC
	LED Indicator	1 Red LED On The Top Side
	RF	Z-wave 500 Series Module 100 M in open space
	RF Frequency	908.4MHz,916.0MHz(USA) 922~927MHz (Taiwan/JP)
	Output Current	13 A (Resistive Load)
	Output Power	3000 W (Resistive Load)
	Protection	Zero Crossing Design
<b>Measurement</b>	Measurement Error	3 W (Under 40 W)
	Measurement Error Rate	5% (Under 40 W)
<b>Mechanical</b>	Dimension	45(L) x 35(W) x 65(H) mm
	Weight	115.2 g (PAN11-1)
<b>Environment</b>	Operation Temperature	5 ~ 35° C
	Humidity	85%RH max



**Dimension**

**PAN11**



**Application:**

Energy Control And Monitoring

Home Automation

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