

6.4 ENERGY CONTROL AND MANAGEMENT



The smart plug WSP404 allows you to turn your devices on and off and allows you to measure power and record total power used in kilowatt hours (kWh) wirelessly through your mobile app.

Main features

- ZigBee 3.0 compliant to work with any standard ZigBee Hub
- Turn your appliances into smart devices, like lamps, heaters, fans, window A / C, decorations and more.
- Control the on / off of your home devices remotely and automate your home by programming through the mobile application
- Measures the instantaneous and cumulative energy consumption of connected devices
- Turn the Smart Plug on / off manually using the toggle button on the front panel
- Slim design that fits into a standard electrical outlet
- Supports two devices per plug by providing two outlets (one on each side)
- Extends the range and strengthens the communication of the ZigBee network

Main Specifications

Wireless connectivity	
Zigbee	<ul style="list-style-type: none"> • IEEE 802.15.4 2.4 GHz
ZigBee Profile	<ul style="list-style-type: none"> • ZigBee 3.0
RF characteristics	<ul style="list-style-type: none"> • Operating frequency: 2.4 GHz • Outdoor / indoor range: 100 m / 30 m • Internal PCBA antenna
Physical specifications	
Operating voltage	<ul style="list-style-type: none"> • 100 ~ 240 VAC 50/60 Hz
Power consumption	<ul style="list-style-type: none"> • <0.5 W
Remember state after power failure	<ul style="list-style-type: none"> • Yes
Measurement Accuracy calibrated	<ul style="list-style-type: none"> • ≤ 100W (within ± 2W) • > 100 W (within ±2%)
ReportingCycle	<ul style="list-style-type: none"> • Minimum: 10 s (power change ≥ 1 W) • Maximum: 1 min (power change <1 W) • Minimum shielding power: 2W
Max. LoadCurrent	<ul style="list-style-type: none"> • 125VAC 15A (all outputs) Resistive • 125 VAC 10 A tungsten (all Departures)
Relay	<ul style="list-style-type: none"> • Single pause
Operating environment	<ul style="list-style-type: none"> • Temperature: -20 °C ~ + 55 °C • Humidity: ≤ 90% non-condensing
Dimension	<ul style="list-style-type: none"> • 130 (length) x 55 (width) x33 (height) mm
Weight	<ul style="list-style-type: none"> • 120 g
Certificate	<ul style="list-style-type: none"> • FCC / ROHS / UL / ETL