

# WS52x



## Portable Socket

Supporting most international socket types

WS52x can switch devices On/Off remotely and wirelessly via LoRa or manually via a pushbutton.

WS52x measure:

- Voltage (VAC)
- Current (mA)
- Power Factor (%)
- Power (W)
- Power Consumption (kWh)

WS52x includes overcurrent protection and alarm.

WS52x is easily applied in smart homes, smart offices, to switch On/Off light, fans, heaters, coffee machines, etc.

WS52x supports most international socket types.

WS52x is equipped with NFC for Android mobile app configuration.

WS52x is compliant with standard LoRaWAN<sup>®</sup> gateways and network servers.



Type G



Type I



Type B



Type C



Type A +  
Type I

# WS52x



## Portable Socket

Supporting most international socket types

### Wireless transmission

Technology	LoRaWAN®
Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923
Tx Power	16dBm(868)/22dBm(915)/19dBm(470)
Sensitivity	-137dBm
Mode	OTAA/ABP Class C

### Electrical

Socket & Plug type	US/EU/AU/UK/CN, etc.
Operating voltage	100~250 VAC, 50~60 Hz
Max. load capacity	10 A/16 A (Optional), 250 VAC
Measurements	Voltage (VAC), Current (mA), Power Factor (%), Power (W), Power Consumption (kWh)
Measurement accuracy	3%



LoRa



Gateway UG65



# WS52x



## Portable Socket

Supporting most international socket types

### Others

Power control	Button on socket or remote control
Advanced features	Button lock, overcurrent protection/alarm
Led indicator	1
Physical characteristics	
Operating temp	-20°C to +60°C (-4°F to +140°F)
Relative humidity	10% to 90% non-condensing
Dimension	110 × 62.3 × 34.6 mm (4.33 × 2.45 × 1.36 in)
Material	White polycarbonate

