

# Shelly Wave Outdoor Plug S

## Smart Z-Wave Long Range Outdoor plug with power monitoring

Shelly Wave Outdoor Plug S is the ultimate smart plug designed specifically for outdoor use. Engineered to withstand outdoor conditions, it is perfect for powering various appliances up to 12 A. The plug allows for real-time power monitoring of the connected device, ensuring optimal energy efficiency. With Z-Wave Long Range support it can reach devices 1km away (line of sight).

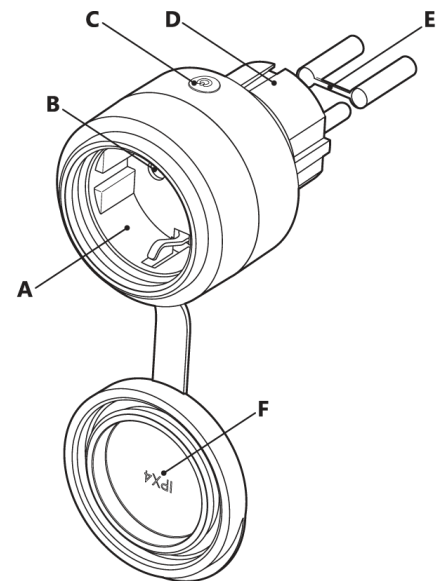


## ADVANTAGES

- Supports up to 12 A (2500 W)
- Power metering
- Overheating, overcurrent and overvoltage protection
- Energy efficient: uses only up to 0.7 W of power
- Protection class: IP44
- Multicolor LED indicator
- Z-Wave frequency band: 864 MHz (ZWLR) & 868.4 MHz (Z-Wave Plus)
- Latest technology: Z-Wave 800 Series
- Automatic set-up with SmartStart
- Security 2 Authenticated for the highest level of security
- Over-the-air firmware updates

## TECHNICAL SPECIFICATIONS

Power supply		230 V AC, 50 Hz
Power consumption		< 0.7 W
Rated impulse-withstand voltage		2500 V
Power measurement [W]		Yes
Max switching voltage AC		230 V
Max switching current AC		12 A
Max. output power		2500 W (resistive load only)
Number of switching cycles:		10000
Overheating protection		Yes
Overcurrent protection		Yes
Overvoltage protection		Yes
Overvoltage category		II
Degree of protection		IP 44
Long range network	Distance (depends on local condition)	Up to 80 m indoors (262 ft.) or up to 1000 m outdoors (3281 ft.)
	Z-Wave® repeater	No
	Z-Wave® frequency bands	864.0 MHz
Mesh network	Distance (depends on local condition)	Up to 40 m indoors (131 ft.)
	Z-Wave® repeater	Yes
	Z-Wave® frequency bands	868.4 MHz
CPU		Z-Wave® S800
Maximum radio frequency power transmitted in frequency band(s)		< 25 mW
Size (H x W x D)		56x56x103 ±0.5 mm / 2.21x2.21x4.55 ±0.02 in
Weight		85 ±1 g / 3 ±0.04 oz
Compatible sockets		CEE 7/1, CEE 7/3 (Type F / Schuko) or CEE 7/5 (Type E)
Compatible plugs		CEE 7/2, CEE 7/4 (Type F / Schuko), CEE 7/7, CEE 7/16 (Type C) or CEE 7/17
Shell material		Plastic with Silicone Rubber Protective Cover for the Outlet
Color		Mocha
Ambient temperature		-25°C to 51°C / -13°F to 125°F
Humidity		15% to 85% RH
Max. altitude		2000 m / 6562 ft.



### Legend

A: LED indication

B: Socket

C: S button

D: Plug

E: Pin protector

F: Protective cap