

Orange Outlet

Smart & Shared Electric Vehicle Charging

Coers Covered by Datasheet:

105520, 105620, 115520, 115620

Outlet Overview

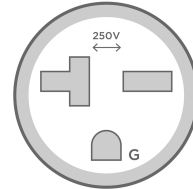
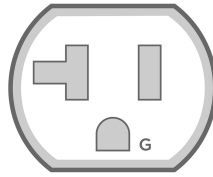
- Smart Electric Vehicle Charging outlet designed track energy consumption
- Lower charging power is intended for longer charging sessions and reduced install cost and complexity
- EV Driver unlocks a specific Outlet via the Orange App and pays for only the energy they consume.
- Orange facilitates automatic billing & reimbursement every month between drivers and property owners
- Weatherproof enclosure configurations available to meet demands of outdoor install locations
- 120 volt and 240V Outlet options meet most people's daily driving needs.



Description

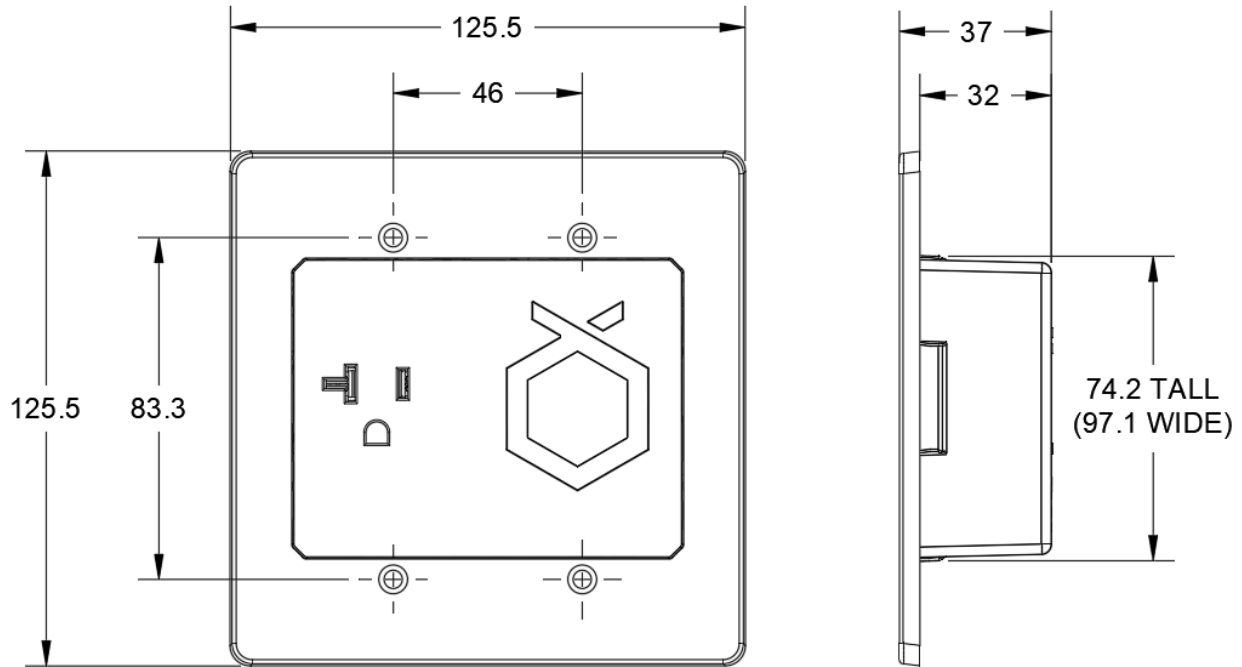
Orange Outlet is an Internet-of-Things connected energy monitoring outlet designed to pair with Orange's Software Suite. The software manages user access and the amount of energy consumed. The user unlocks the outlet through our app and is billed every month, Orange then reimburses the outlet owner for the electricity used.

Technical Specifications



Part Number	105520-0-A	115520-0-A	105620-0-A	115620-0-A
NEMA Configuration	NEMA 5-20		NEMA 6-20	
Voltage (AC)	125		240	
Frequency (Hz)	50 to 60Hz			
Max Current (A)	20 Peak 16 Amps Continuous			
Peak Overcurrent (A)	25 (100ns)			
Over Voltage (V AC)	264			
Dimensions	125.5 x 125.5 x 37 mm (5.75 x 5.75 x 1.25 in) (LxWxH)			
Temperature Range	Operating Environment: -20°C to 50°C			
Humidity	0-90% relative humidity			
Plastic	Polycarbonate, UL-94 V-0 Flame Rating			
Max Wattage (kWh)	1.9		4.8	
Wire Gauge (AWG / mm²)	12 / 2.05			
Connectivity	WiFi	Cellular	WiFi	Cellular
Agency Approvals	UL Intertek UL-916 (ETL Listing 5020674)			
Warranty	3 Year			

Product Dimensions



ALL UNITS IN MILLIMETERS
NEMA 5-20 VERSION SHOWN

Installation Enclosures

A mounted enclosure is required to install Orange Outlet. Most two-gang electrical boxes are compatible and non-metallic materials should be used to enable the best device connectivity.

An in-use weather cover may be required for installations exposed to damp, wet or other exposed environments. Confirm requirements with applicable codes before operation.

Connectivity

Both the NEMA 5-20 and the NEMA 6-20 options can be selected with either cellular or Wi-Fi connectivity. Orange recommends cellular connectivity for most instances unless a reliable 2.4Ghz Wifi network already exists in the parking locations.



What's Included in the Box

- One Orange Outlet
- Four 6-19 mounting screws for plastic enclosures
- Three WAGO connectors
- Product documentation

Adapters for Different Electric Vehicles

Different mobile adapters are required for NEMA 6-20 outlets and vary between vehicle makers and manufacturers. Orange has compiled a list of tested and validated adapters for the majority of manufacturers' mobile chargers and some third-party chargers.

Warranty

The Orange Outlet is covered by a 3-year Manufacturing Defect Warranty. Please see Orange Outlets User Manual for the warrants details.