

Smart + Scalable

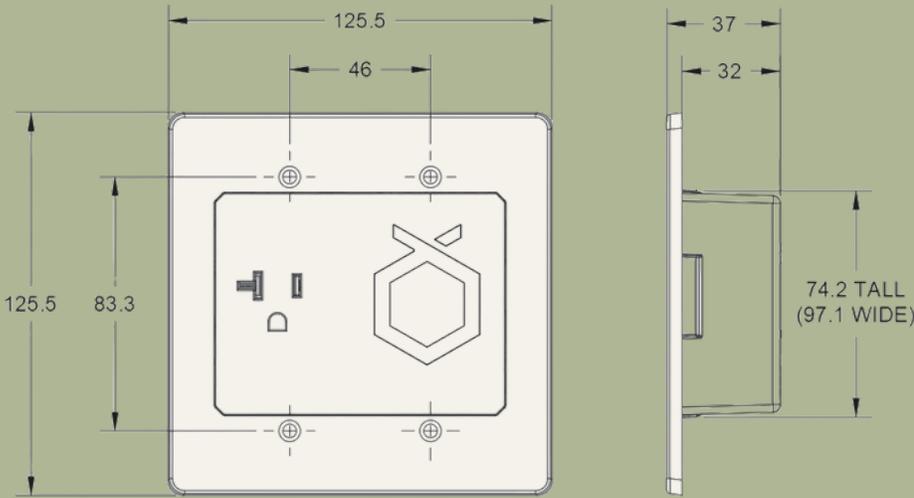
Orange Outlet is an Internet-of-Things connected energy monitoring outlet designed to pair with Orange's Software Suite. The software manages user access and the amount of energy consumed. The user unlocks the outlet through our app and is billed every month, Orange then reimburses the outlet owner for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

- Smart electric vehicle charging outlet designed to track energy consumption.
- Lower charging power is intended for longer charging sessions and reduced install cost and complexity.
- EV drivers unlock a specific Outlet via the Orange App and pay for only the energy they consume.
- Orange facilitates automatic billing & reimbursement every month between drivers and property owners.
- Weatherproof enclosure recommendations available to meet demands of outdoor install locations and harsh weather environments.
- 120V and 240V outlet options meet 98.9% of driver daily needs.



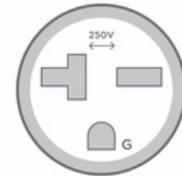
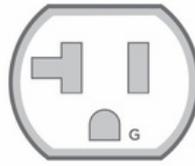
Installation Enclosures

A mounted enclosure is required to install the 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 installation.



Product Dimensions

All units in millimeters
NEMA 5-20 unit shown



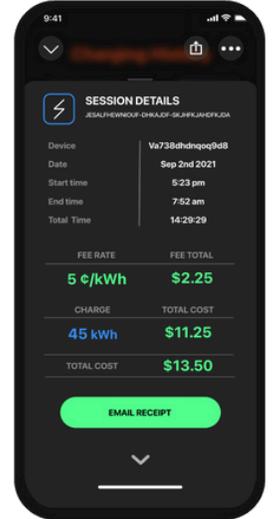
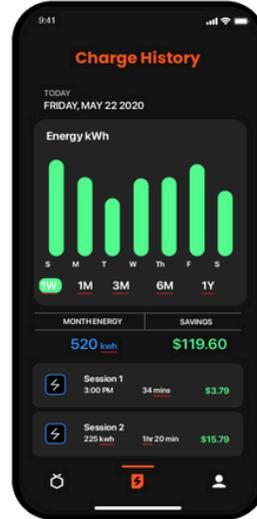
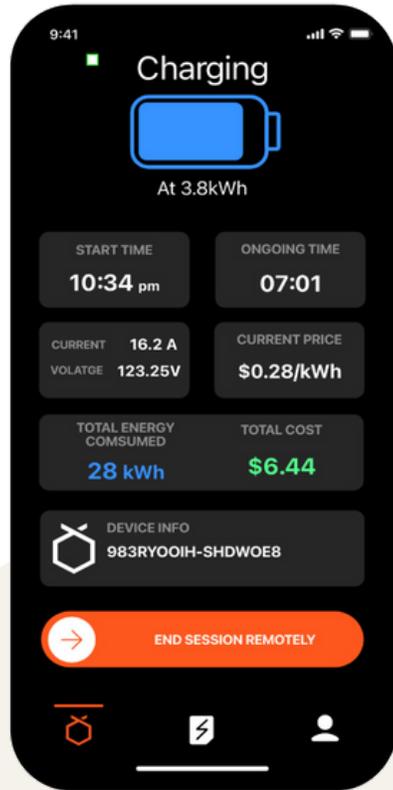
Outlet Technical Specifications

Part	910520	910620
NEMA Configuration	NEMA 5-20	NEMA 6-20
Voltage (Voltage AC)	110/120	208/240
Frequency (Hz)	50 to 60Hz	
Circuit Breaker (A)	20	
Max Current (A)	16	
Peak Overcurrent (A)	25 (1000ms)	
Over Voltage (Voltage AC)	285	
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 (kW)	2.4	4.8
Input Wire Gauge to Outlet (AWG/mm ²)	12 AWG / 2.05mm	12 AWG / 2.05mm
Connectivity	OrangeNet (Cellular, WiFi, BLE)	
EV Platform	Requires Orange OS Platform for Usage	
Agency Approvals	Intertek UL-916 ,	
Warranty	3 Year Manufacturing	



Connectivity

Both the NEMA 5-20 and the NEMA 6-20 options come standard with cellular, Wi-Fi, and BLE connectivity. All Orange Outlets work with OrangeNet and the OrangeOS to create a complete solution.



Meets EV charging code requirements

Orange's NEMA 620 (PN 910620) meets CalGreen building codes.

Warranty

The Orange Outlet is covered by a 3-year Manufacturing Defect Warranty. [Please see Orange Outlets User Manual for the details of the warranty.](#)

Part Number Covered by Datasheet:
910520 & 910620

What's included in the box

- One Orange Generation 2 Outlet
- Four 6-19 mounting screws for plastic enclosures
- Three WAGO connectors
- Product documentation through QR code

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.