



# Apex Peak<sup>®</sup>

Residential and Commercial Charging Stations



## Charge Ahead with the Apex Peak Family of smart home and commercial charging stations

Apex Peak is a Level 2 smart home charging station with the essential features and power you need to charge your EV. It is ideally suited for homes, condominiums, residences, and commercial properties.

Apex EV is the only line of charging stations that is accessible through our Apex EV UPG Pay Kiosk<sup>®</sup>.

- \* Control charging anywhere, anytime through our web portal
- \* Reduce your energy costs by scheduling charging when rates are low
- \* For private assigned chargers, simply set up an account on our portal and use your assigned PIN
- \* For public charging, simply use your credit card to access our chargers

## Why Apex EV?

### Up to 7x Faster Charging

Spend less time waiting for your EV to charge and more time enjoying the drive

### Powered by UPG Pay Kiosk

Charge Ahead with our credit card payment process. Set up your account, use your PIN, and save time.

### Easy to Use and Install

Small, lightweight enclosure; lockable, quick-release mount; weatherproof for indoor/outdoor installation

### Universal Compatibility

SAE-J1772 plug ensures compatibility with all EVs\*

### Revenue Generating

Apex EV chargers can generate up to 90% charging revenue for the site host

### See Charger Status

Dynamic LED lights display WiFi connectivity and charging behavior

\*Tesla requires adapter

## Apex Peak<sup>®</sup> Specifications

- Electrical Characteristics**
- > Safety Rated: 40A Max; 9.6 kW at 240 VAC
  - > Single phase input: nominal voltage 208-240 VAC
  - > Voltage range 177-264 VAC

- Input Cable & Plug**
- > 2 ft/0.6 m with NEMA 14-50 plug
  - > 2.5 ft/0.8 m hardwire pigtail

- Output Cable & Connector**
- > 25 ft/7.6 m cable
  - > J1772 Standard Compliant

- UPG Pay Kiosk<sup>®</sup>**
- > Precision measurement of power, energy, voltage & current
  - > Automated notifications: time-of-use in effect, start of charge, end of charge, unit offline, unit back online, car not plugged in by a set time
  - > Web-based portal for desktop access
  - > See JuicePass data sheet for more on convenient features

- Smart Grid Connectivity**
- > Built-in WiFi connectivity (802.11 b/g/n 2.4 GHz)

- Firmware**
- > End-to-end AES-256-based encrypted protocols
  - > 90-day, 15-minute interval data storage
  - > Over-the-air (OTA) upgradeable firmware
  - > Persistent data storage upon power interruption

- Account Access**
- > Available via optional UPG Account setup and assigned PIN or credit card, Apple Pay or Google Pay

- Enclosure**
- > Dynamic LED lights show charging status: network connectivity, charging in progress, delaying charging, standby, charge complete/EV not drawing power
  - > IP66: Weatherproof, dust-tight
  - > IK10: Resistant polycarbonate case
  - > Quick-release wall mounting bracket included
  - > Built-in security lock and integrated cable management
  - > Operating Temperature: -40°F to 140°F (-40°C to 60°C)

- Weight & Dimensions**
- > Main enclosure: H: 18.5 in/469 mm x W: 6.8 in/173 mm x D: 5.8 in/147 mm
  - > 15 lbs/6.8 kg

- Codes & Standards**
- > FCC Part 15 Class B, NEC 625 compliant, OCPP 1.6J, ENERGY STAR<sup>®</sup>
  - > OpenADR 2.0b compliant

- Safety**
- > UL and cUL Listed

- Warranty**
- > 3-year limited product warranty (parts only) for use under normal residential operating conditions

- Made in North America**
- > From domestic & imported parts

