



APEX PEAK FLEET[®] 80

Commercial Charging Stations

Future-proof your EV charging with the fastest Level 2 station on the market and Charge Ahead!

Apex Peak Fleet[®] 80 is a powerful Level 2 charging station with all the safety and charging features businesses, fleet operators, school districts and transportation agencies need to maximize their electric vehicle investments.

Powered by Apex UPG Pay Kiosk[™], our smart EV charging platform, creates the most simple and efficient user control. It offers drivers, customers, employees and tenants access to best-in-class smart charging and helps:

- * Optimize energy costs by controlling charging times and demand charges
- * Conveniently monetize EV charging
- * Increase grid reliability and support EV adoption
- * Enhance driver satisfaction and reach sustainability goals

Why Apex EV?

Powered by Apex UPG Kiosk

Intuitive touchscreen kiosk for drivers and powerful online dashboard for system administrators

Smart Grid Connected

Optimize charging times and aggregate stations to reduce energy costs

Future-Proof

Invest in charging stations that will provide ample power even as new EV battery sizes increase

Universal Compatibility

SAE-J1772[™] compliance ensures compatibility with all EVs

Access Control & Payment

With the Apex UPG Pay Kiosk software, allow registered drivers to access charging stations via a PIN or credit card and pay to charge with their saved account

Compact & Easy to Install

Small enclosure, weatherproof for indoor/outdoor installation, LED charging status indicator. A great alternative to more expensive fast chargers.



*Tesla requires adapter

Apex Peak Fleet® 80 Specifications

Electrical Characteristics

- > Safety rated: 80A Max
- > Single phase input: nominal voltage 208-240 VAC ~50/60 Hz
- > Power: 16.6 kW at 208 VAC; 19.2 kW at 240 VAC

Input Cable

- > Installer must provide and ensure input cable meets all applicable electrical codes

Output Cable & Connector

- > 25 ft/7.6 m cable
- > J1772 standard compliant

Apex UPG Pay Kiosk® Charging Platform

- > Precision measurement of power, energy, voltage & current
- > Web-based portal: set rates and charging hours; monitor charging status and consumption data for individual devices or groups of devices; control station access; set payment rates; load management
- > Online portal to set up account for private chargers, and PIN assigned so no app, RFID, or credit card needed, just the PIN. Credit card payments for public charging.

Connectivity & Authentication

- > WiFi-enabled: 802.11b/g/n 2.4 GHz
- > Integrated Cellular: LTE (optional)
- > ApexRouter: Connect up to 50 chargers with WiFi-to-LTE router
- > QR Code authenticated with UPG Portal for public stations, but not required

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

Enclosure

- > Dynamic LED lights show charging status: network connectivity, charging in progress, delaying charging, standby
- > IP66: Weatherproof, dust-tight, polycarbonate enclosure: IP66
- > 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
- > 17lbs/7.7 kg

Codes & Standards

- > FCC Part 15 Class B, NEC 625 compliant, ENERGY STAR®†
- > OCPP 1.6j and Open ADR2.0b compliant
- > ISO 15118 support (optional)

Safety

- > UL and cUL certification

Warranty

- > 3-year limited parts warranty for commercial use. 2-year warranty extension available

Made in North America

- > From domestic & imported parts



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