EVBox Iqon

Powered by ampUp

EVBox Iqon is the award-winning 7.2 kW AC charging station that provides reliable and accessible charging for all locations.

reddot award 2019

DESIGN AWARD 2019

CES INNOVATION AWARDS 2019 HONOREE

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EVBOX HAS

200K+ **charging ports** installed

20K+ **business customers** worldwide

100K+ **trees planted** through our OneChargerOneTree program

Meet
EVBox Iqon

Built for locations that aim to offer visitors reliable EV charging with a premium look and feel.

Accessible charging
for everyone

- Ergonomic auto-retractable cables
- 8" multi-language touchscreen
- ADA-compliant and wheelchair accessible
- Universally compatible plug type

Manage stations
with peace of mind

- Easy to install and maintain
- Suitable for indoor and outdoor use
- Always connected with Wi-Fi and 4G LTE
- Remotely monitor and adjust your stations

Scale easily
and earn revenue quickly

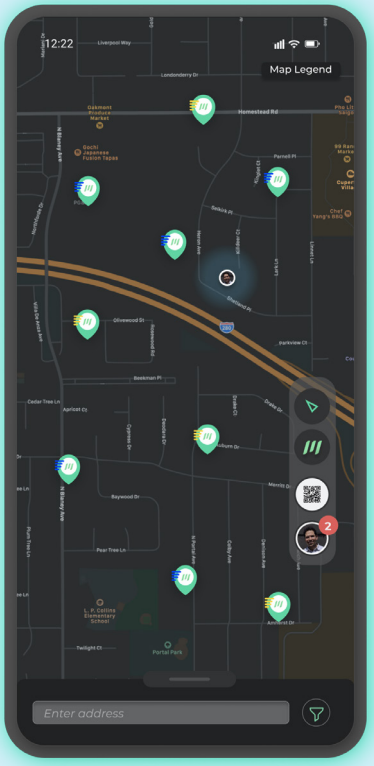
- Commercialize your Iqon stations
- Set custom charging fees
- OCPP-compliant
- Hub-Satellite configuration

IDEAL FOR

Public parks · Education · Retail · Hospitality · Commercial parking · Charging service providers · Real estate · Workplace · Car fleets · Transit and transport

Charge smarter with AmpUp
Community Manager

EV CHARGING FOR COMMUNITIES OF ALL SHAPES & SIZES



AmpUp is an electric vehicle (EV) software company that enables drivers, hosts, and fleets to charge stress-free.

Fully-integrated with the charge station of your choice, AmpUp software helps you easily manage your EV charging needs by offering three unique management plans ranging from simple to sophisticated.

READY TO GET STARTED?

Book a meeting with an EV expert today!

Let's chat

AMPUP FEATURES

SMART SCHEDULING
AmpUp allows you to charge upon arrival or reserve a station in advance

DYNAMIC ACCESS
Manage who gets to use your chargers, and when they get to use them - for free, or with a fee

ENERGY OPTIMIZATION
We make sure that you get the highest utilization out of your current chargers before installing more

COST NEUTRAL
AmpUp helps you recover your costs, helping you set up the right charging price and optimize your revenue

Get started
with EVBox and AmpUp

BOOK A CHAT

Select the time that works best for you and give us a little info to prep for the call.

SPEAK WITH AN EV EXPERT

One of our experts will reach out to help you find the perfect EV charging solution.

TECHNICAL VISIT

Upon approval, our technicians will inspect your site and power capacity to determine your final installation plan.

INSTALLATION

Our highly-skilled installers will safely set up your new stations at the optimal location on your site.

MAINTENANCE & SUPPORT

Alongside our partners, we provide you with ongoing maintenance and support. We're available 24/7 to answer any questions or provide troubleshooting help.

Get started today

EVBox + AmpUp =
The educated choice

With EVBox and AmpUp as your EV charging solution, you can configure your stations to operate exactly how you want and monitor your activity in real time.

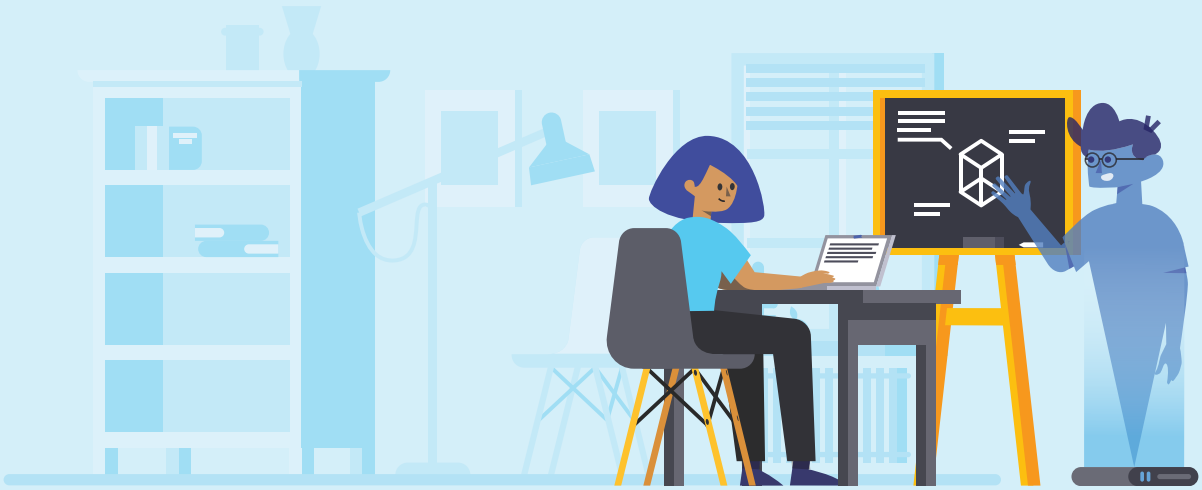
Get peace-of-mind in knowing that any driver can charge with ease, and that your EV charging assets will be with you for years to come.

BOOK A MEETING WITH AN EV EXPERT TO GET STARTED!

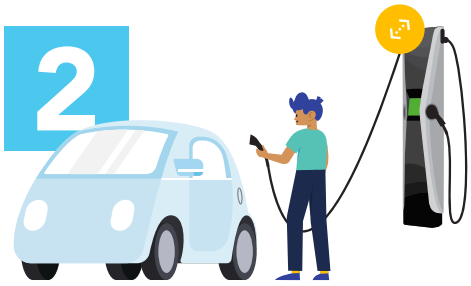
Book a chat

HOW WE SUPPORT SCHOOLS

- **Ensure universal accessibility** to your EV charging assets with ADA-compliant hardware that works with every EV in North America.
- **Enable hassle-free charging** with intuitive user interface and charging app.
- **Set unique pricing groups** based on time or energy used, and for various user groups (staff, students, visitors)
- **Creating charging certainty** for staff and students with in-app station reservations.
- **Provide access codes** for approved users
- **Earn charging revenue** during off-peak hours to offset costs.
- **Multilingual touchscreen displays** makes charging easy for people of various backgrounds.
- **Pre-schedule reductions in energy output** during peak hours to reduce cost.
- **Automatically send notifications** to staff and students when plugs become available.
- **Track charging station usage & sustainability metrics** with ongoing reports to optimize your charging configuration.
- **Drivers can support charitable causes** with every charging session via the Donations feature.

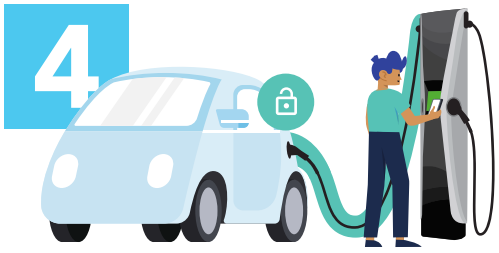


Cable is locked until user starts charging session.



Cable unlocks so that user can plug it into the car.

During charging, the cable is locked to the car.



User stops the session, cable unlocks.

User inserts cable into station, cable is locked.

What makes EVBox Iqon **more accessible** than other stations?

Equipped with a **unique, auto-retractable cable system,** EVBox Iqon's cables are easy to handle by all users while keeping them safely off the ground.

The locking plug holders and multi-language touchscreen are placed at a height that's **easily accessible to all users, whether standing or in a wheelchair.** With a premium, award-winning design, EVBox Iqon guarantees a seamless charging experience for everyone.

ACCESSIBLE CHARGING FOR EVERYONE

- **Smart cable management** with a 18 ft / 5.5 m weighted auto-retractable cable
- **LCD touchscreen** that's 8" and multi-language
- **Wheelchair accessible,** weatherproof, and shockproof
- **Two cars** can simultaneously charge up to 7.2 kW (per station)
- **Universally compatible** with any electric car in North America (Type 1 connector)
- **Scan and charge** for simple charging session activation (via smartphone)

SCALE EASILY AND EARN REVENUE QUICKLY

- **Publishing your stations** on a public charging map
- **Set custom charging fees** for charging sessions
- **Tracks, schedules, invoices, and reimburses** charging transactions
- **Streamlined station management** across all locations

Manage multiple Iqon stations with peace of mind

Link up to 10 Iqon stations via the **Hub-Satellite configuration** to enable load balancing, which ensures that the available power supply is distributed efficiently between all connected vehicles.

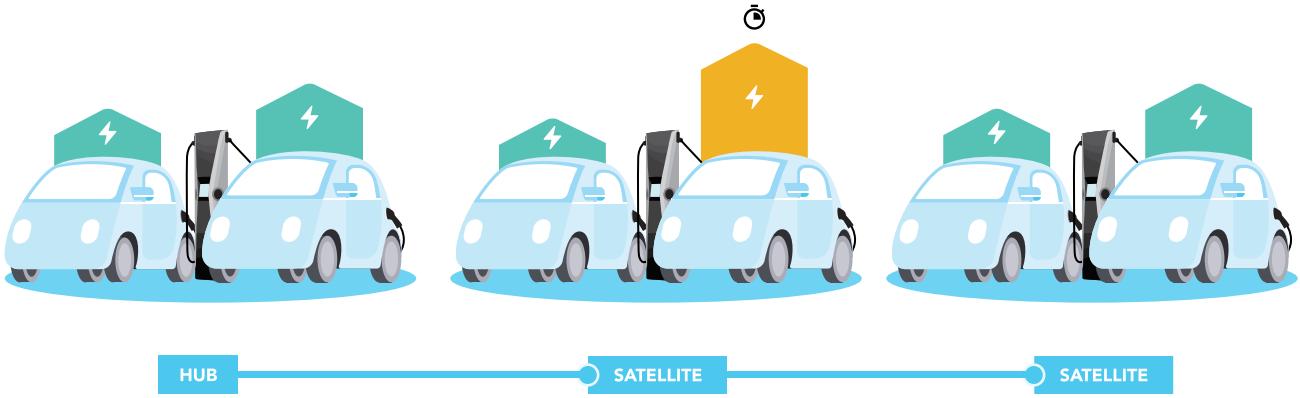
LOAD BALANCING

To avoid going over your grid capacity, or just to reduce energy consumption, you can preset a maximum current output (or 'load') for your network of charging stations.

Every 15 minutes, the Hub charger will evaluate the status of all the active charging sessions in its cluster. If more cars are plugged in than your maximum load will allow, the Hub will 'queue' the session that is furthest along, giving every car that is plugged in a chance to charge.

CHARGERS THAT GIVE YOU PEACE OF MIND

- **Wi-Fi and 4G** to receive firmware updates and undergo maintenance remotely
- **3-year warranty** with an option to extend to five years
- **Modular design** ensures easy installation, service, and maintenance
- **Weatherproof and shockproof** for all locations
- **Built-in electrical protections** including RCBO and DC leakage detection
- **Load balancing** for efficient energy management



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Technical **specifications**

ELECTRICAL OUTPUT

Max. charging capacity	Up to 7.2 kW per cable
Charge mode	Mode 3 (IEC 61851) / Level 2 (UL2594)
Output power (dual 32 A input)	2 x 7.2 kW (split phase, 240 V AC, 30 A per cable)

PHYSICAL PROPERTIES

Dimensions, inches (W x H x D)	16.2" x 74.5" x 11.5" (WxHxD) with 2" removable base extension
Weight	188 lbs. (excluding packaging)
Mounting	Ground mount (free standing, wall-supported or back-to-back)
Housing	Stainless steel, polycarbonate
Plastic materials	ISO 3795 passed, DIN 53438 F1/K1

INTERFACES

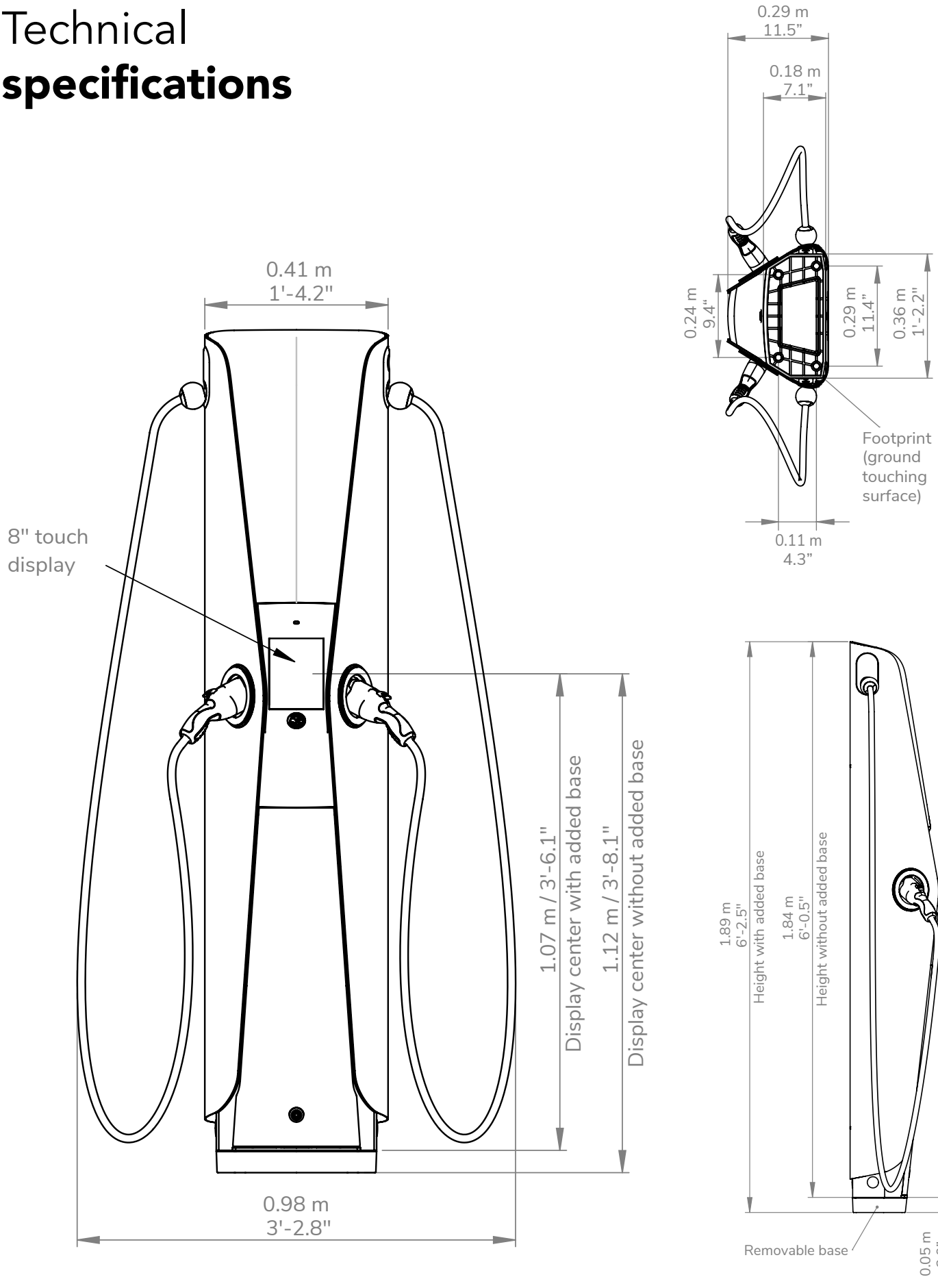
Connectors	2 x Type 1 (J1772) fixed cables
Charging cable length	18 ft / 5.5 m with smart cable management system
Plug holders	With docking sensor and locking mechanism
Display	8" (20 cm) LCD IPS full color screen (768 x 1024 px) with capacitive touch, sunlight readable
Display languages	English, Spanish, French, German, Dutch
System lighting	Day/night mode, auto-adjustable light intensity, automatic system wake-up
Session activation	RFID / QR code

SAFETY AND CONNECTIVITY

Electrical safety	CCID 20 mA AC leakage detection per outlet
Station surge protection	6 kV
Maximum cluster size	10 dual chargers (20 connectors)
Mobile connectivity - Hub	4G LTE-FDD CAT1 (B2/4/12) / 3G WCDMA (Band 2/5)
Connectivity - Hub	Dual band Wi-Fi 2.4/5 GHz, Bluetooth 4.0 for configuration with the EVBox Connect app, GPS
Time synchronization - Hub	GPS / Wi-Fi
Communication protocol - Hub	OCPP 1.5 S / 1.6 S / 1.6 J
Enclosure rating	IEC 60529 / IP55 / IK10
Collision detection	Tilt sensor

Operating temperature	-22°F to 113°F / -30°C to +45°C
Operating humidity	85% @ 122°F / 50°C (non-condensing)
Storage temperature	-40°F to 140°F / -40°C to +60°C
Storage humidity	95% @ 122°F / 50°C (non-condensing))
Safety and compliance	IEC 61851-1 (2017), IEC 61851-21-2 (2018), IEC 61000-3-2 (2014), IEC 61000-3-3 (2013), EN 301 489-1 V2.2.0, EN 301 489-3 V2.1.1, EN 301 489-17 V3.2.0, EN 301 489-52 V1.1.0, EN 301 908-1 V11.1.1, EN 301 511 V12.5.1, EN 300 330 V2.1.1, EN 300 328 V2.1.1, EN 301 893 V2.1.1, EN 300 220-1 V3.1.1, EN 300 220-2 V3.1.1, CE conformity, RoHS, REACH
Metering	Dual UL-certified revenue grade kWh meter (with California's Title 24 compliance for service metering)
Smart energy management	Adjusting max. current, charging profiles, dynamic load balancing (via MAX protocol)

Technical **specifications**



Get started today