

TOPDON®



PulseQ AC Lite

Unlimited Power  
Unlimited Versatility  
Unlimited Potential

**E**MOBILITY

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## PulseQ AC Lite

Comp Chart

TOPDON's PulseQ AC Lite reimagines EV charging with convenience in mind. This AC charging station is highly compatible with electric vehicles with a Type2 interface. Capable of single-phase or three-phase charging, it can deliver a maximum power of up to 22KW, making it the ultimate choice for rapid charging. The PulseQ AC Lite features 3 charging modes: Plug and Play, App Control, and RFID. Furthermore, the smart app allows for remote charging control. You can schedule charging times and monitor charging status, including estimated time, cost, and charging capacity, all from the convenience of your smartphone.

FAQs

With an IP65 rate and built-in type A + DC6mA leakage protection, this charger can be installed both indoors and outdoors, guaranteeing safety and peace of mind. Its compact design also saves valuable space. The charger even offers customization options. Upload a picture and create a personalized charging experience.

Brief



# Specs

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## Functional Description

**Charging Mode:**

Plug-and-Play/App-Controlled/RFID

**Indicator Lights:**

Charging status indicator

**RCD Built-in:**

RAMU, Type A  $I\Delta n=30mA + I\Delta dc=6mA$



## Parameters

**Net Weight:**

≤5.9kg (5m cable), ≤7.1kg (7.5m cable)

**Dimensions:**

340mm × 189mm × 90mm

**IP Code:**IP65

**IK Code:**IK10

## Electrical Specifications

**Rated Voltage:**

230V, 50/60Hz, 400V, 50/60Hz

**Rated Current:**

32A 1-Phase/16A 3-Phase/32A 3-Phase

**Rated Power:** 7kW/11kW/22kW

**Charging Interface:** IEC 62196-2, Type 2 plug with 5m cable /

IEC 62196-2, Type 2 plug with 7.5m cable



## Safety Protection

Surge protection, over temperature, over / under voltage, over current, LN reverse polarity, leakage, ground protection

Brief

## EV Charging Master For Type 2 Connector

TOPDON PulseQ AC Lite, the EV Charging Master for Type 2 Connector, is specifically designed to cater to European standard electric vehicles with IEC 62196-2 (Type 2) interface.

With the flexibility of choosing between single-phase (7kW) or three-phase (11kW/22kW) options, this advanced AC charging solution meets a wide range of charging requirements.

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## Smarter EV Charging With The Smart App

Pair the PulseQ with your smartphone to start or pause the charging progress whenever and wherever.

Using the intuitive app, you can schedule charging times during off-peak session, check estimated distance and cost, view charging history, and get notifications when fully charged.

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## Plug-And-Play & App Control & RFID

The PulseQ AC Lite supports 3 charging modes: Plug and Play, App Control, and RFID. Say goodbye to cumbersome procedures with the plug-and-play mode.

With the RFID card mode, you have full control over your charging station, eliminating any concerns about unauthorized usage.

The app-controlled charging mode offers the advantages of convenience, real-time monitoring, customized planning, and data analysis.

Easily switch between modes to find the perfect charging solution for your electric vehicle.

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### ✓ Plug-And-Play



 Plug and Play, Easy to Operate

### ✓ RFID Card



 RFID Mode Eliminates Unauthorized Usage.

### ✓ App Control



 Smarter EV Charging With the Smart App.

Brief

## Voice-Activated Charging

TOPDON PulseQ AC Lite features voice-activated charging, seamlessly integrating the PulseQ AC Lite into your smart home via Amazon Alexa.

Remotely initiate or halt charging session and effortlessly monitor charging time and capacity.

Elevate your EV charging setup with the PulseQ AC Lite and enjoy a new level of convenience and control.

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# Tailored Charging Schedules For Your Convenience

With the mobile app, users can create personalized charging schedules based on their specific needs and preferences: Set a fixed daily charging routine or set various charging times for each day.

You can set specific charging periods to take advantage of off-peak electricity rates, optimizing energy consumption and reducing charging costs.

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## Design Your Own EV Charger

With the PulseQ AC Lite, you have the power to make it uniquely yours.

Our customizable design allows you to choose a personalized pattern for the front panel.

Select from TOPDON's stunning color options or even upload your own favorite design.

Get started on customizing your very own PulseQ AC Lite today.

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## Safety You Can Count On

Encased in robust and durable housing with IP65 and IK10 protection ratings, this charger is designed to withstand dust, water, and tough outdoor conditions, providing peace of mind for both indoor and outdoor use.

With the built-in Type A + DC6mA leakage protection, your charging process is safeguarded against potential current hazards.

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## Durable And Reliable Design

The charging station body is crafted with a robust combination of PC and aluminum alloy, ensuring long-lasting durability.

The charging cable is constructed with a sturdy blend of PC and TPU materials.

With an operational temperature range of  $-22^{\circ}\text{F}$  to  $122^{\circ}\text{F}$  ( $-30^{\circ}\text{C}$  to  $50^{\circ}\text{C}$ ), our charging infrastructure is built to withstand extreme conditions while delivering consistent performance.

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## Easy Installation And Operation

No need to dismantle the entire charging station for wiring.

The innovative design of PulseQ AC Lite allows for easy and efficient connectivity, disconnection, and internal access.

Specs

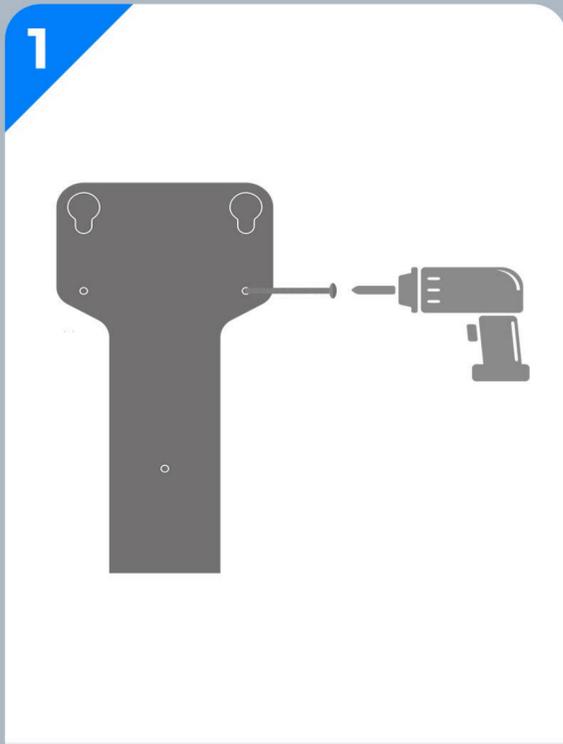
Features

What's In The Box?

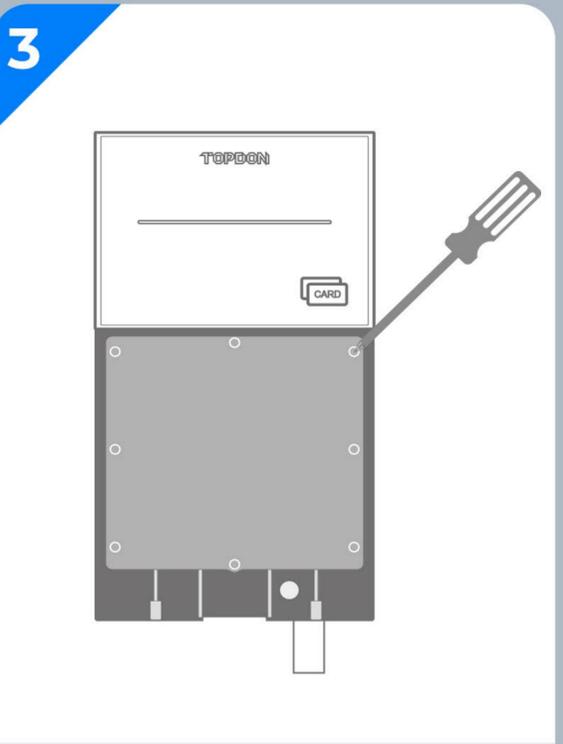
Comp Chart

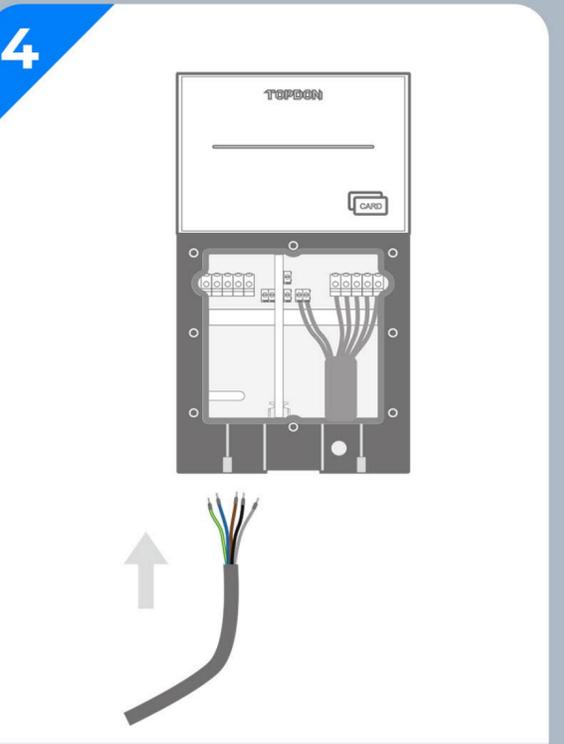
FAQs

## Easy Installation And Operation

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**1.** Fix the bracket to the wall with the expansion screws
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**2.** Attach the charger to the bracket.
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**3.** Unscrew the eight screws to remove the inner cover.
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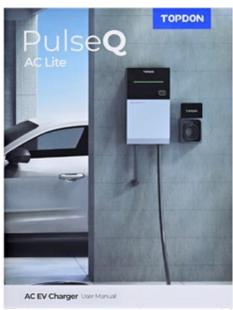
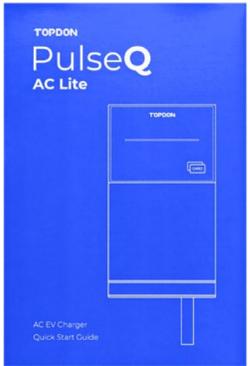
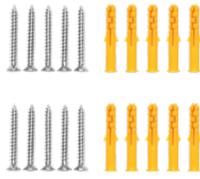
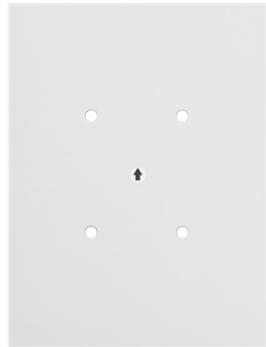
**4.** Pass the crimped power cable through the hole.

Brief



# What's In The Box?

Specs

<p><b>AC EV Charger</b></p> 	<p><b>Charging Dock</b></p> 	<p><b>User Manual</b></p> 	<p><b>Quality Certificate</b></p> 	<p><b>Quick User Guide</b></p> 
<p><b>Charging Card</b></p>  <p><b>M5×40mm Expansion Bolts</b></p> 	<p><b>Wall Installation Template</b></p> 	<p><b>Charging Dock Installation Template</b></p> 	<p><b>Wall-mounting Accessories</b></p> 	<p><b>Hex Screwdriver</b></p> 

Features

## What's In The Box?

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<p>MODEL</p> <p>SPECIFICATIONS</p>	<p>PulseQ AC Home</p> 	<p>PulseQ AC Lite</p> 	<p>PulseQ AC Pro</p> 
Charger	IEC 62196-2 Type-2	IEC 62196-2 Type-2	IEC 62196-2 Type-2
Certification	CE-NB, ROHS, REACH	TUV, CE,CB, ROHS	TUV, CE, CB,ROHS
Charging Mode	Plug-and-Play/App-Controlled/RFID	Plug-and-Play/App-Controlled/RFID	Plug-and-Play/App-Controlled/RFID
Power Rating	7kW/11kW/22kW	7kW/11kW/22kW	7kW/11kW/22kW
Voltage	230/400V	230/400V	230/400V
Current	32A/16A	32A/16A	32A/16A
Voice-Activated	√	√	√
IP and IK Rating	IP65, IK10	IP65, IK10	IP54; IK10
Dimension	310x215x95 mm	340×190×97mm	340×190×97mm

Brief



## FAQs

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### Question

Which model should I buy?

### Answer

Features

Choose based on your power environment:

- 1)** PulseQ AC Lite\_7K: Single-phase power, max 32A, 230Vac.
- 2)** PulseQ AC Lite\_11K: Three-phase power: 16A, 400Vac / Single-phase: 16A, 230Vac.
- 3)** PulseQ AC Lite\_22K: Three-phase power: 32A, 400Vac / Single-phase: 32A, 230Vac.
- 4)** Choose 22kW if unsure for best compatibility.

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**FAQs**

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## FAQs

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### Question

Does it include an input cable?

### Answer

No, prepare a cable suitable for your setup.

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Features

### Question

What are the minimum and maximum currents supported?

### Answer

6A, 32A

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# FAQs

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## Question

How can the charging station be connected to the network?

## Answer

Features

Connect to WiFi: Bind via PulseQ AC APP, input home WiFi credentials.

Connect to Ethernet: Directly insert an Ethernet cable into the charging station's base.

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What's In  
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## Question

How can my phone be paired with the charging station?

## Answer

Comp Chart

Download the PulseQ AC APP, enable Bluetooth, and add the device upon detecting its Bluetooth signal.

FAQs

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# FAQs

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## Question

How to use voice control?

## Answer

Features

To utilize an Amazon Alexa smart speaker, link your PulseQ AC account with Alexa's account, and command the charging station through voice instructions.

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**FAQs**



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