

TOPDON®



PulseQ AC Pro

Unlimited Power
Unlimited Versatility
Unlimited Potential

EMOBILITY

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Comp Chart

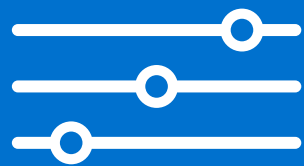
FAQs



PulseQ AC Pro

TOPDON's PulseQ AC Pro reimagines EV charging with convenience in mind. This AC charging station is compatible with electric vehicles that use a Type2 interface. Capable of single-phase or three-phase charging, it can deliver a maximum power of up to 22KW, making it the epitome for fast EV charging. The PulseQ AC Pro 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. Integrating the socket and charging body into one unit, the compact design saves valuable space and makes an ideal choice for existing dual-head charging cables.

Brief



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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 IΔn=30mA + IΔdc=6mA



Parameters

Net Weight:
3.5kg
Dimensions:
340mm × 189mm × 104mm
IP Code:IP54
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



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 Pro, 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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Brief

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 Pro 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



 RFID Card



 App Control



Brief

Voice-Activated Charging

TOPDON PulseQ AC Pro features voice-activated charging, seamlessly integrating the PulseQ AC Pro 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 Pro 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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Safety You Can Count On

Encased in robust and durable housing with IP54 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°F to 122°F (-30°C to 50°C), our charging infrastructure is built to withstand extreme conditions while delivering consistent performance.



Brief

Easy Installation And Operation

No need to dismantle the entire charging station for wiring.

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

Specs

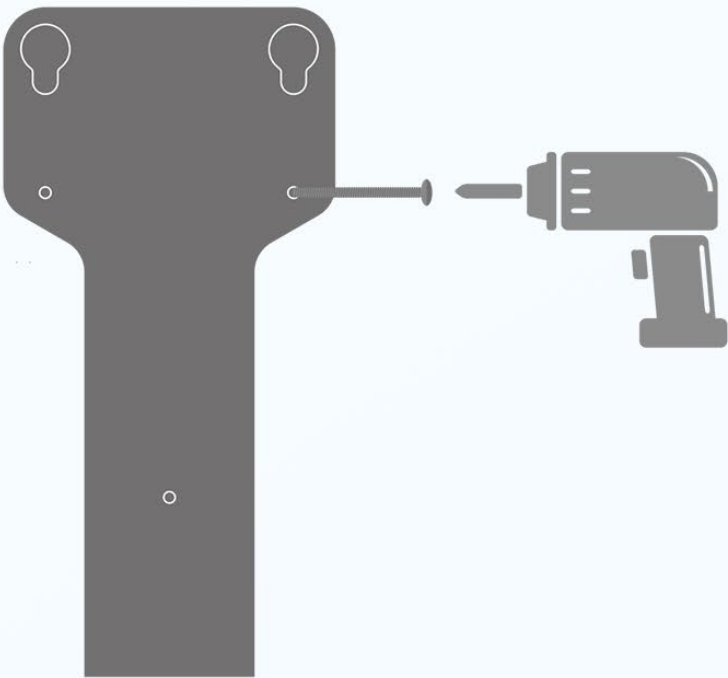
Features

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1



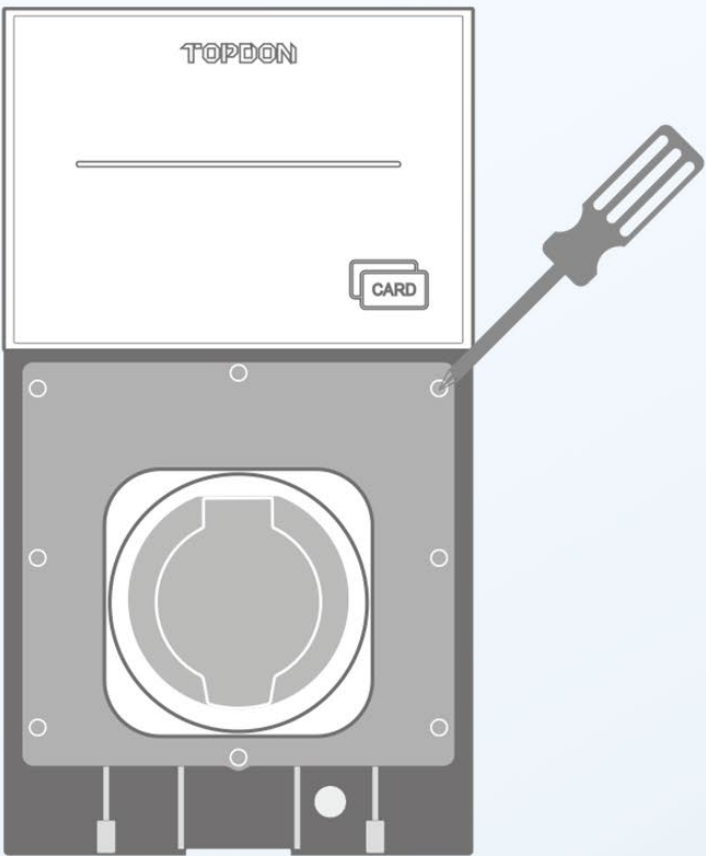
Fix the bracket to the wall with the expansion screws.

2



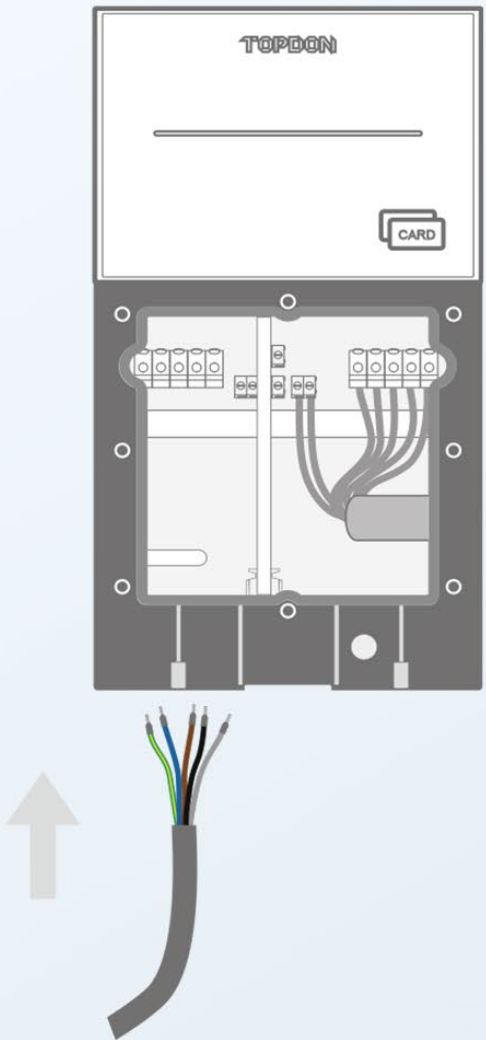
Attach the charger to the bracket.

3



Unscrew the eight screws to open the inner cover.

4



Pass the crimped power cable through the hole.

Brief



What's In The Box?

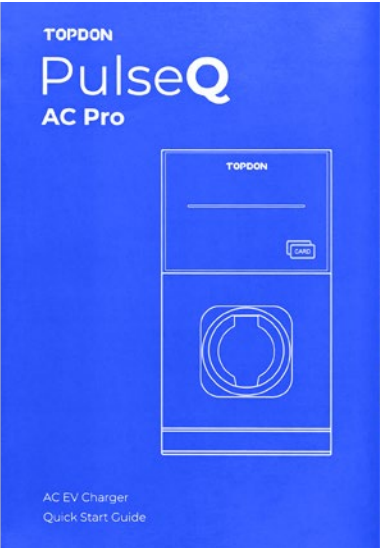
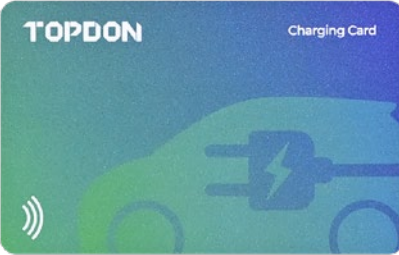
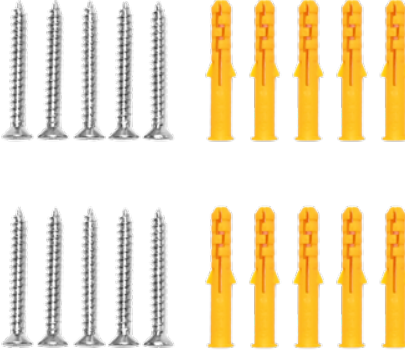
Specs

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AC EV Charger	Wall-mounting Accessories	User Manual	Quality Certificate	Quick User Guide
				
Charging Card	Wall Installation Template	M5×40mm Expansion Bolts	Hex Screwdriver	Spudger
 				

MODEL	PulseQ AC Home	PulseQ AC Lite	PulseQ AC Pro
SPECIFICATIONS			
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

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Question

Which model should I buy?

Answer

Features

Choose based on your power environment:

- 1)** PulseQ AC Pro_7K: Single-phase power, max 32A, 230Vac.
- 2)** PulseQ AC Pro_11K: Three-phase power: 16A, 400Vac / Single-phase: 16A, 230Vac.
- 3)** PulseQ AC Pro_22K: Three-phase power: 32A, 400Vac / Single-phase: 32A, 230Vac.
- 4)** Choose 22kW if unsure for best compatibility.

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Question

Does it include an input cable?

Answer

Features

No, prepare a cable suitable for your setup.

What's In
The Box?

Question

What are the minimum and maximum currents supported?

Answer

6A, 32A

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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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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.

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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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