

TOPDON®



PulseQ AC Lite

Unlimited Power
Unlimited Versatility
Unlimited Potential

EMOBILITY

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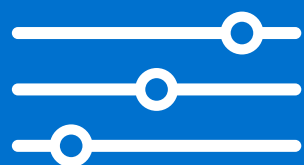


PulseQ AC Lite

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.

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:
 $\leq 5.9kg$ (5m cable), $\leq 7.1kg$ (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.

Features

✓ 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.

Features

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Brief

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.

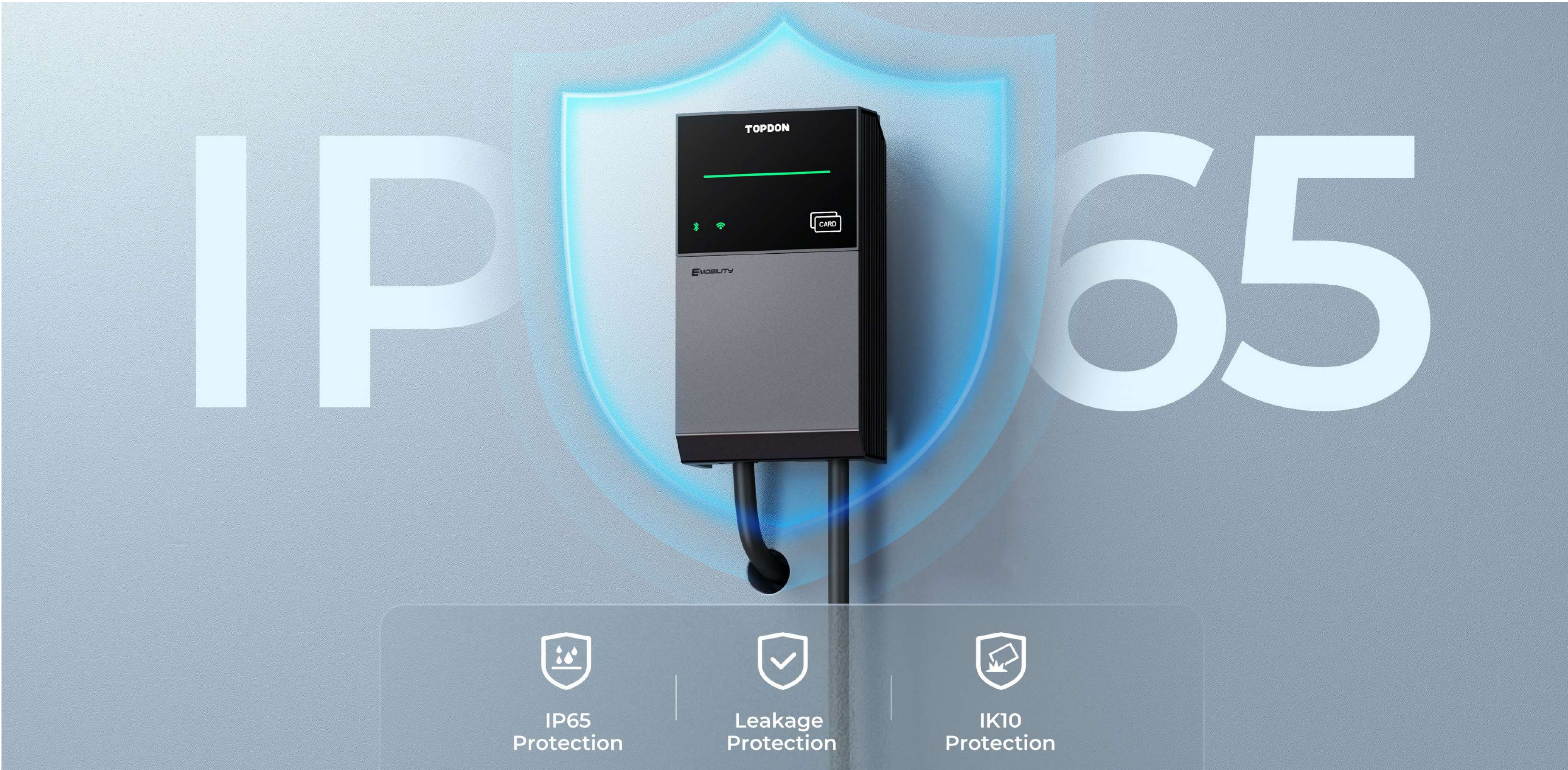
Specs

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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.



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.

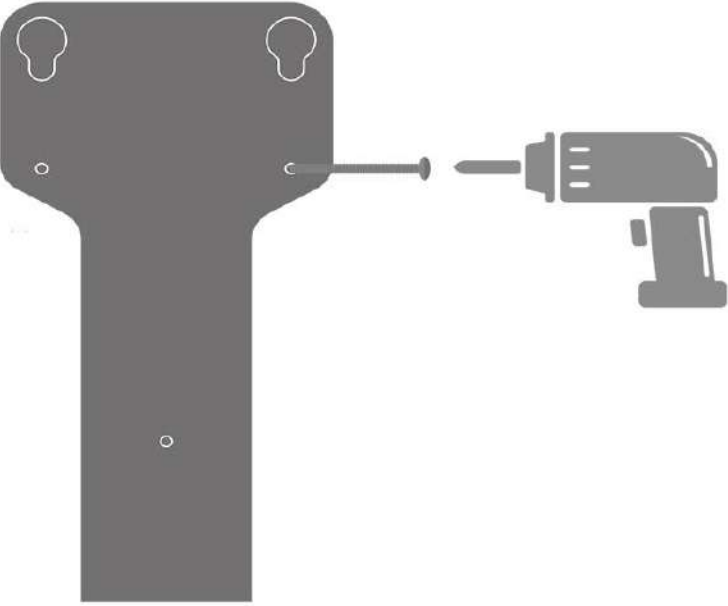
Features

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Easy Installation And Operation

1



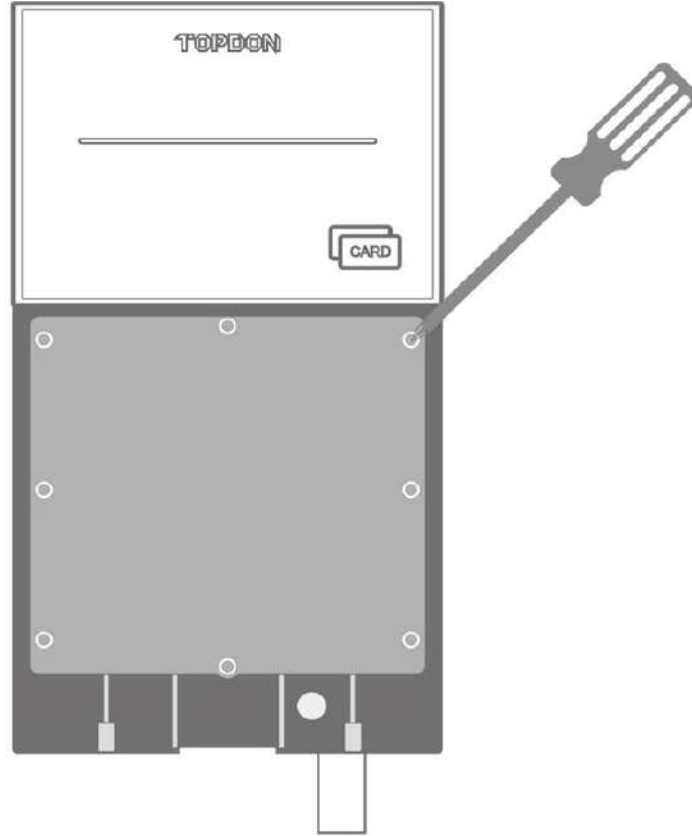
1. Fix the bracket to the wall with the expansion screws

2



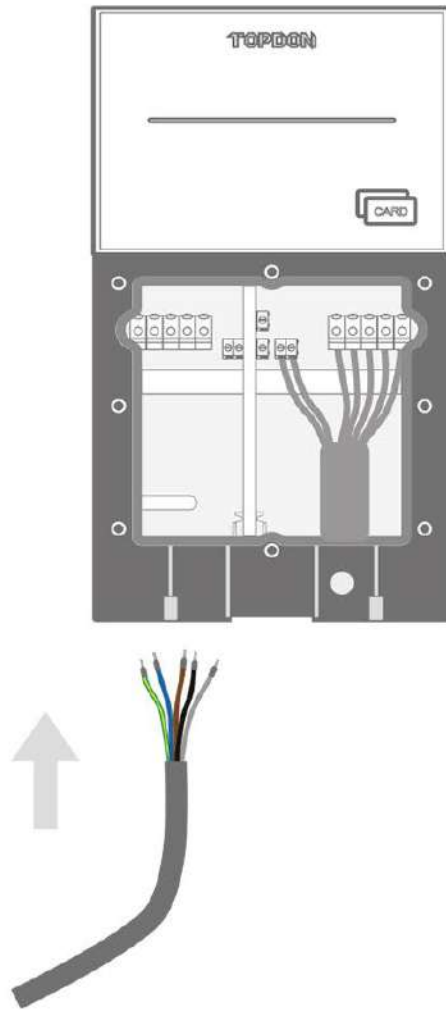
2. Attach the charger to the bracket.

3



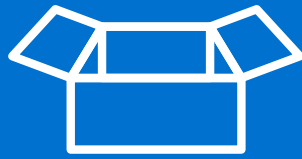
3. Unscrew the eight screws to remove the inner cover.

4



4. Pass the crimped power cable through the hole.

Brief



What's In The Box?

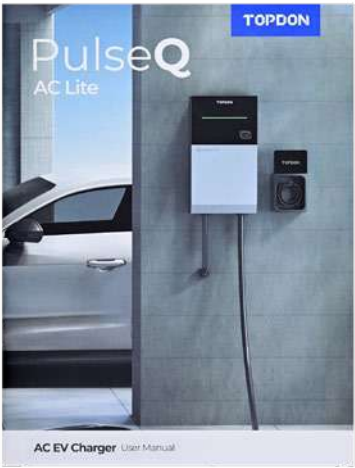
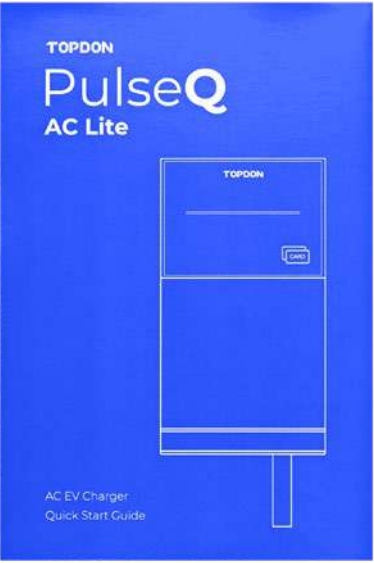
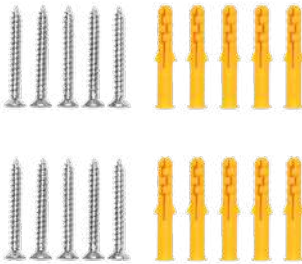
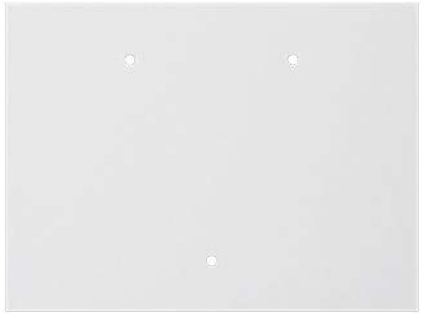
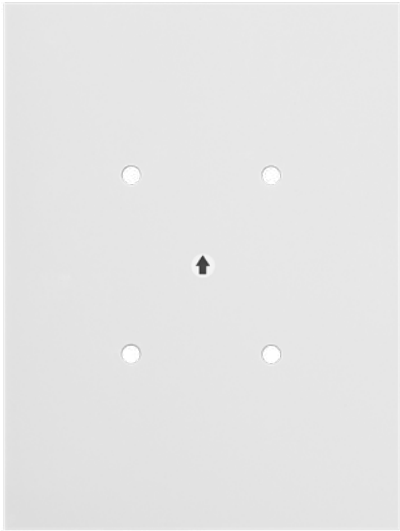
Specs

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

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

Brief



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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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Question

Does it include an input cable?

Answer

Features

No, prepare a cable suitable for your setup.

Question

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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.

Brief



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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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