



Quick guide

For user and installer



AMINA

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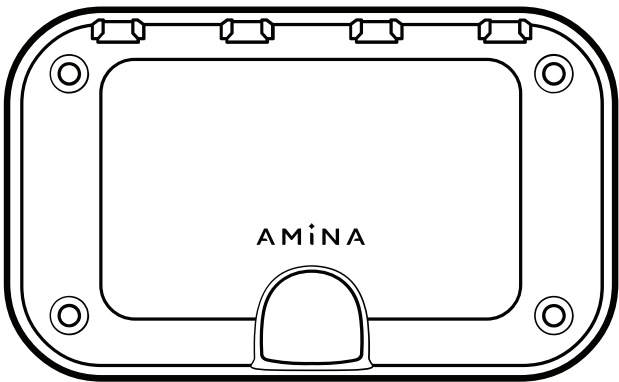
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Intended use

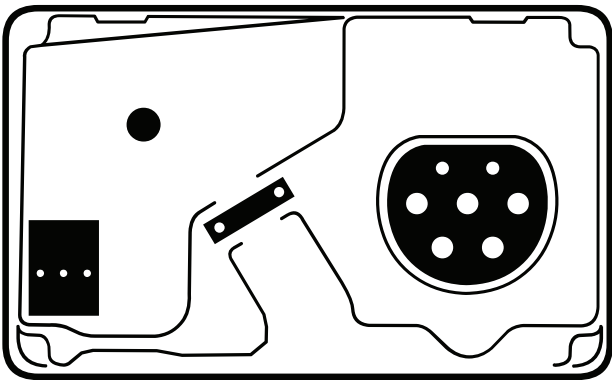
The Amina charger is intended for one thing and one thing only: charging electrically powered vehicles equipped with non-gassing batteries. The product shall be used only with a charging cable according to IEC 62196. The product must be securely mounted on a surface that covers the product's entire backplate and has a sufficient load bearing capacity. It may only be operated with the approved operating parameters and under the specified environmental conditions. Uses other than those specified here are not permitted.

Product overview



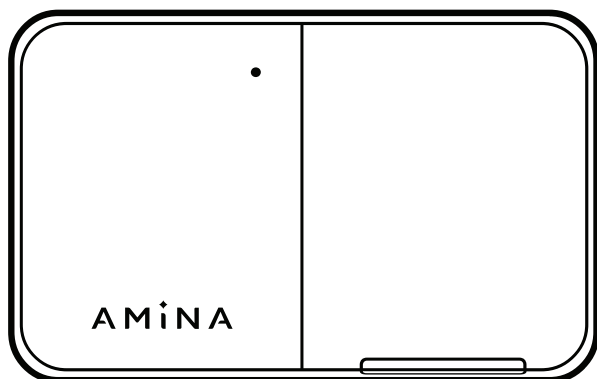
Backplate

Attaches and connects the charging station to the surface.



Charging station

Contains the electronics required for charging the vehicle.



Front cover

Protects the electronics from external influences.



4x



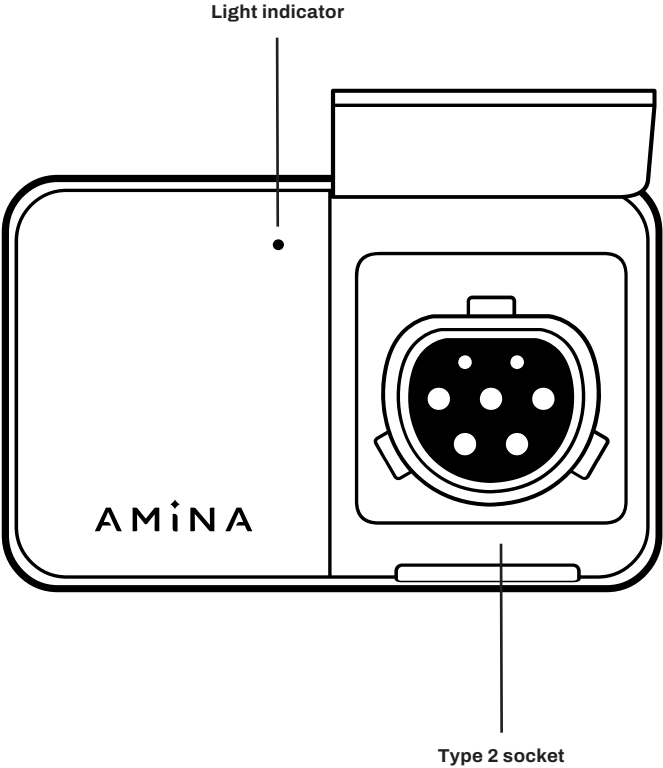
3x

Installation kit



T20 Screwdriver head

Features



Technical specifications

General

Dimensions (mm): 125 x 200 x 105 (H x W x D)

Wall mounting (mm): c/c 110 x 185 (H x W)

Operating temperature: -35 °C to +50 °C

Weight: 1.15 kg

Charging

Charging power: 6-32 A 1-phase

Charging speed: 7.4 kW

Connection point: type 2 socket (IEC 62196-2)

Number of phases: 1

Voltage: 230 V AC ($\pm 20\%$)

Indicators

LED light showing the status of the charger

Protection

Dust, shock, water and weather resistant

Degree of protection: IP54

Impact resistance: IK08

Earth fault protection: RDC-DD 6mA DC according to IEC 62955

Fire class: UL94

Insulation class: II

Overvoltage category: III

Installation

Installation network: TN, IT or TT

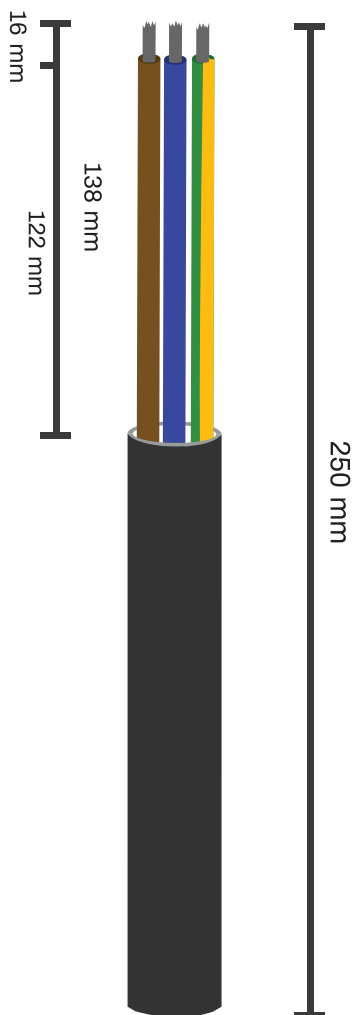
Circuit breaker: maximum 32 A

Wire cross-section: 1.5-6 mm²

Cable diameter: 4-16,1 mm

Cable strip length: 138 mm

Wire strip length: 16 mm



Safety instructions

Read the entire manual carefully before installing and operating the product. Observe the following instructions:

Safety instructions for the installation

- This product must be installed, repaired and serviced by an authorized electrician only.
- All applicable local, regional and national regulations for electrical installations must be respected and adhered to.
- Do not install a product that is damaged or not functioning properly.
- Do not make any changes to components or connecting cables, as the high electrical voltage poses an immediate danger to the life and health of individuals.
- The installation must not be carried out near explosive environments or in areas where there is a risk of running water.
- The product must be installed on a permanent location.
- Avoid installing the product in locations exposed to high temperatures.
- The product must be installed on a surface with sufficient load bearing capacity.
- The charger must be installed on a surface that covers the product's entire backplate.

Safety instructions for operations

- Do not make any changes to components or connecting cables, as the high electrical voltage poses an immediate danger to the life and health of individuals.
- Do not use a product that is damaged or doesn't function properly.
- If a fire occurs, use CO2 for extinguishing. To extinguish it with water or foam, the system must first be electrically disconnected.
- Do not immerse the product in water or any other liquids.
- Do not clean the charging station with running water or high-pressure water equipment.
- Do not use extension cords or adapters in combination with the product.
- Do not insert foreign objects into the product.
- Do not let children play with the product.

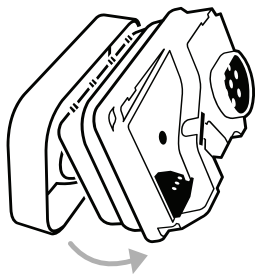
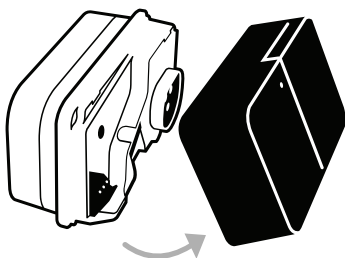
Installation guide

Warnings

1. This product must be installed and serviced by qualified personnel only. All applicable local, regional and national regulations for electrical installations must be respected and adhered to.
2. Make sure that the main fuse and respective circuit breaker are switched off before starting the installation.

1. Detach backplate and front cover

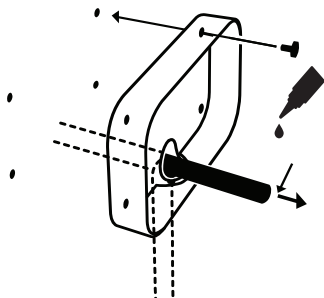
Before mounting starts, detach the backplate and front cover from the charging station. The parts are loose, so it does not require any force or equipment to do this.



2. Mount backplate and place power cable

Pull the power cable through the backplate while mounting it. The product is designed for the cable to come out directly from the wall, alternatively from the bottom up.

Mount the backplate in a height that is easily accessible. Make sure it's mounted horizontally.

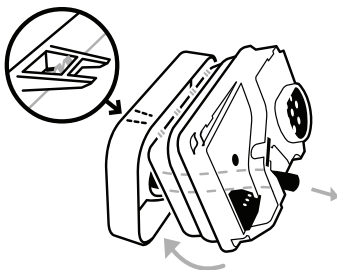


3. Attach charging station to backplate

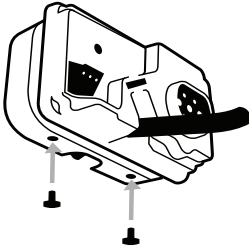
Quick tip

1. Shorten the rubber sealing cone to fit the cable. Make sure the hole is slightly smaller than the cable to ensure a good seal. Lubricate the main cable for easy entry and better seal.

Insert the charger into the top edge of the backplate, pull the power cable through, and turn the charging station down to attach.

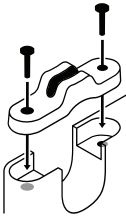


Secure the charging station with two screws.



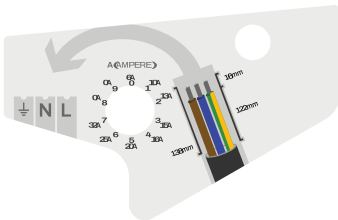
4. Secure cable

Use the cable clamp and screws to prevent the cable from being disconnected or dislocated.



5. Connect charging station to electricity

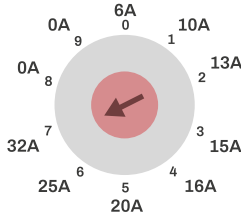
Open the wire connectors and connect the wires before firmly pressing down all levers as illustrated.



6. Configure charger

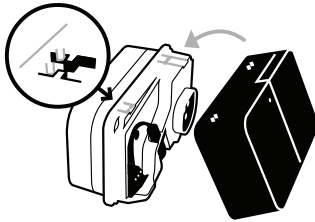
Configure the charger by turning the rotary switch, using a screwdriver, to the correct setting.

The default setting from the factory is level 7, 32A.

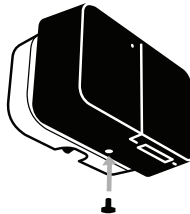


7. Mount front cover

Hook on the front cover from the top edge of the charging station. Make sure the front cover slides into the correct tracks.



Secure the front cover with one screw.



Turn on the circuit breaker to ensure that the charger is operative.

White LED light indicates correct installation.

Start/stop charging

To start charging

Connect your charging cable to the charging station and the car. The car is charging when the status light changes to blue.

To stop charging

The charging cable remains locked at the charging station until the charging process is finished or stopped by the car. Please unlock and disconnect the charging cable from the car before disconnecting the cable from the charging station.

Warranty

Amina comes with a five (5) year warranty, and it is your Amina dealer's responsibility to handle defect products under warranty. Read more at docs.aminacharging.com/warranty.

Light indicators



White	Standby / Finished charging
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Yellow	Connected
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Blue	Charging
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Red	Error detected Contact your Amina dealer
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Indholdsfortegnelse

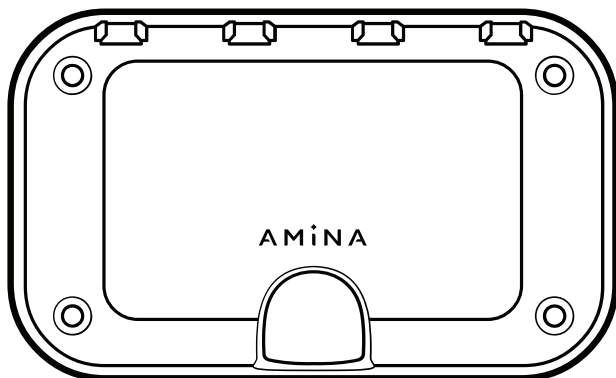
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Formål for anvendelse

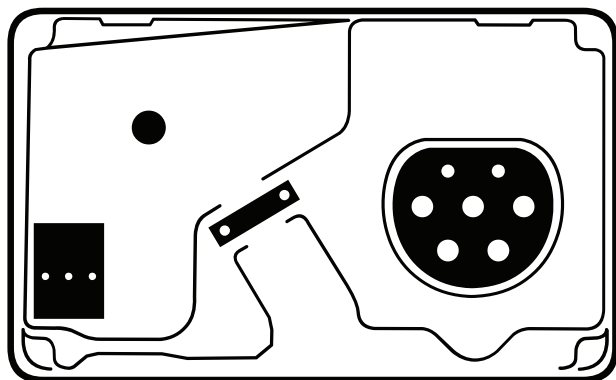
Amina-opladeren er udelukkende beregnet til opladning elbiler udstyret med batterier, som ikke danner gas. Produktet må kun bruges sammen med et ladekabel i henhold til IEC 62196. Produktet skal monteres på en overflade, der dækker hele bagsiden af opladeren, og har en tilstrækkelig bæreevne. Amina-opladeren kan kun bruges med godkendt driftsparametre og under de specificerede miljøbetingelser. Andre anvendelser end dem, der er angivet her, er ikke tilladt.

Produktoversigt



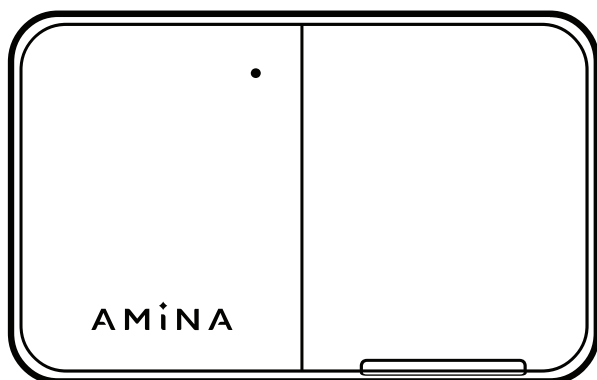
Bagplade

Fastgør og tilslutter ladestationen til en overflade.



Ladestation

Indeholder den elektronik, der er nødvendig til opladning af køretøjet.



Frontdæksel

Beskytter elektronikken mod ydre påvirkninger.



4x



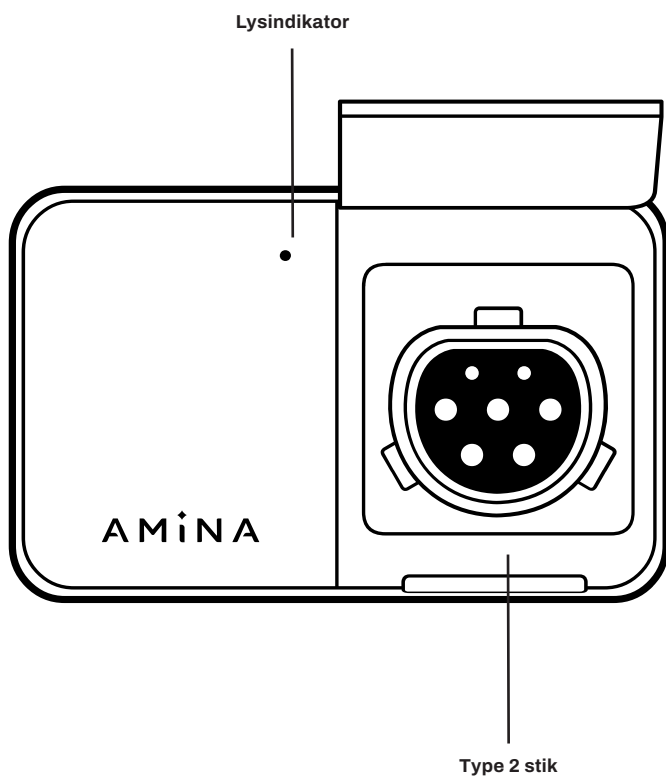
3x

Monteringssæt



T20 skruehoved

Funksjoner



Tekniske specifikationer

Generelt

Mål (mm): 125 x 200 x 105 (H x B x D)

Vægmontering (mm): c/c 110 x 185 (H x B)

Driftstemperatur: -35 °C til +50 °C Vægt: 1,15 kg.

Opladning

Ladeeffekt: 6-32 A 1-faset

Ladehastighed: 7,4 kW

Tilslutningspunkt: type 2-stik (IEC 62196-2)

Antal faser: 1 Spænding: 230 V AC (±20%)

Indikatorer

LED-lys, der viser opladerens status

Beskyttelse

Støv-, stød-, vand- og vejrbestandig

Beskyttelsesgrad: IP54 Slagfasthed: IK08

Jordfejlbeskyttelse: RDC-DD 6mA DC i

henhold til IEC 62955

Brandklasse: UL94

Isolationsklasse: II

Overspændingskategori: III

Installation

Installationsnetværk: TN, IT eller TT

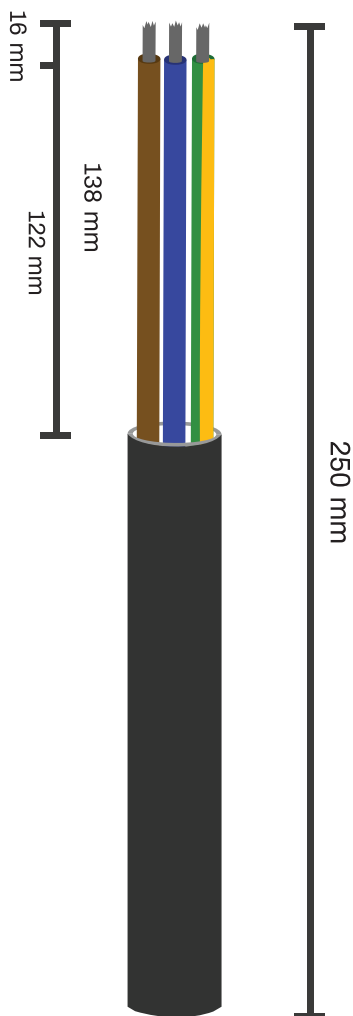
Strømafbryder: maksimalt 32 A

Ledningstværsnit: 1,5-6 mm²

Kabeldiameter: 4-16,1 mm

Kabelbåndslængde: 138 mm

Trådbåndslængde: 16 mm



Sikkerhedsinstruktioner

Læs hele manualen omhyggeligt, før du installerer og tager produktet i brug. Vær opmærksom på følgende instruktioner:

Sikkerhedsinstruktioner for installationen

- Dette produkt må kun installeres, repareres og serviceres af en autoriseret elektriker.
- Alle gældende lokale, regionale og nationale regler for elektriske installationer skal respekteres og overholdes.
- Installer ikke et produkt, der er beskadiget eller ikke fungerer korrekt.
- Foretag ikke ændringer på komponenter eller tilslutningskabler, da den høje elektriske spænding udgør en umiddelbar fare for personers liv og helbred.
- Installationen må ikke udføres i nærheden af eksplosive omgivelser eller i områder, hvor der er risiko for rindende vand.
- Produktet skal installeres på et permanent sted.
- Undgå at installere produktet på steder, der er udsat for høje temperaturer.
- Produktet skal installeres på en overflade med tilstrækkelig bæreevne.
- Opladeren skal installeres på en overflade, der dækker hele produktets bagplade.

Sikkerhedsinstruktioner for brug

- Foretag ikke ændringer på komponenter eller tilslutningskabler, da den høje elektriske spænding udgør en umiddelbar fare for personers liv og helbred.
- Brug ikke et produkt, der er beskadiget eller ikke fungerer korrekt.
- Hvis der opstår brand, skal du bruge CO2 til slukning. For at slukke den med vand eller skum, skal systemet først afbrydes fra strøm.
- Nedsænk ikke produktet i vand eller andre væsker.
- Rengør ikke ladestationen med rindende vand eller højtryksrensere.
- Brug ikke forlængerledninger eller adaptere i kombination med produktet.
- Stik ikke fremmedlegemer ind i produktet.
- Lad ikke børn lege med produktet.

Installations- vejledning

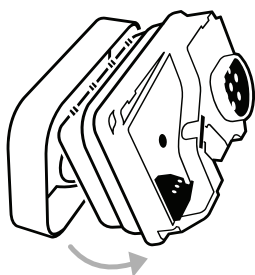
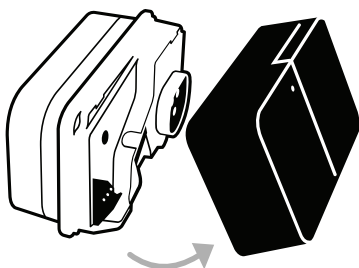
Advarsler

1. Dette produkt må kun installeres og serviceres af kvalificeret personale. Alle gældende lokale, regionale og nationale regler for elektriske installationer skal respekteres og overholdes.

2. Slå strømmen fra på hovedafbryderen inden installationen påbegyndes.

1. Afmonter bagplade og frontdæksel

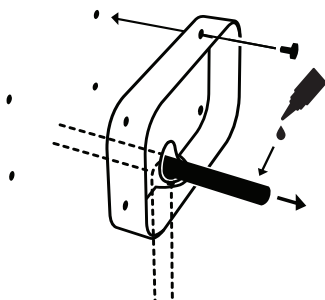
Inden monteringen starter, skal bagpladen og frontdækslet tages af ladestationen. Delene er løse, så det kræver ingen kraft eller udstyr at gøre dette.



2. Monter bagpladen og placer strømkablet

Træk strømkablet gennem bagpladen, mens du monterer det. Produktet er designet til at kablet kan komme ud direkte fra væggen, alternativt nedfra og op.

Monter bagpladen i en højde, der er let tilgængelig. Sørg for, at den er monteret vandret.

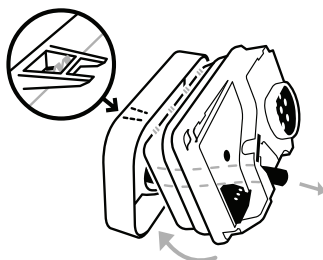


3. Fastgør ladestationen til bagpladen

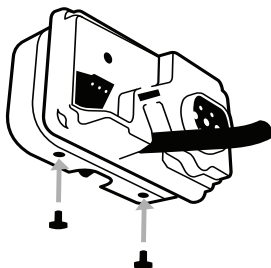
Hurtigt tip

Afkort gummitætningskeglen, så den passer til kablet. Sørg for, at hullet er lidt mindre end kablet for at sikre en god tætning. Smør kablet for lettere at kunne trække det igennem og sikre en bedre tætning.

Indsæt opladeren i den øverste kant af bagpladen, træk strømkablet igennem, og drej ladestationen for at fastgøre den.



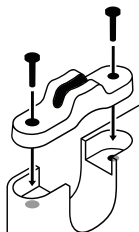
Fastgør ladestationen med to skruer.



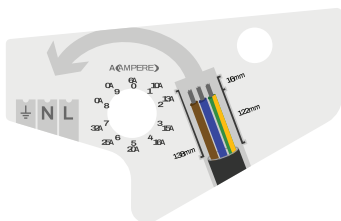
4. Fastgør kablet

Brug kabelklemmen og skruerne for at forhindre, at kablet afbrydes eller forskydes.

5. Tilslut ladestationen til strøm



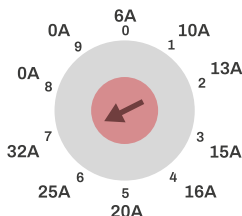
Åbn ledningsstikkene, og tilslut ledningerne, før du trykker alle håndtag ned som vist.



6. Konfigurer oplader

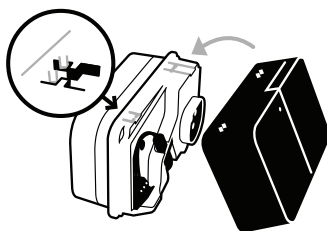
Konfigurer opladeren ved at dreje drejekontakten ved hjælp af en skruetrækker til den rigtige indstilling.

Standardindstillingen fra fabrikken er niveau 7, 32A.

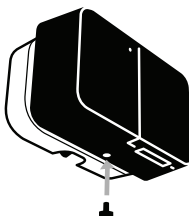


7. Monter frontdækslet

Sæt frontdækslet på fra den øverste kant af ladestationen. Sørg for, at frontdækslet glider ind i de rigtige spor.



Fastgør frontdækslet med en skruer.



Tænd for afbryderen for at sikre, at opladeren er funktionsdygtig.

Hvidt LED-lys indikerer korrekt installation.

Start/stop opladning

For at starte opladning

Tilslut dit ladekabel til ladestationen og bilen. Bilen oplader, når lyset skifter til blå.

For at stoppe opladningen

Ladekablet forbliver låst ved ladestationen, indtil opladningsprocessen er afsluttet eller stoppet via bilen. Lås op og frakobl ladekablet fra bilen, inden kablet afbrydes fra ladestationen.

Garanti

Amina leveres med fem (5) års garanti, og det er din Amina-forhandlers ansvar at håndtere defekte produkter under garantien. Læs mere på docs.aminacharging.com/warranty

Lysindikatorer



Hvid

Standby / Færdig
opladning



Gul

Forbundet



Blå

Oplader



Rød

Fejl opdaget
Kontakt din Amina-
forhandler

For other languages, scan the QR code below.



docs.aminacharging.com

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