



48a ev charger wiring diagram

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Before getting started, carefully lift the charger from the packaging, remove the cardboard covering the cables, and unfasten the plastic cable ties on the EV cable bundle. Leave the cables in the box until needed to ensure they are not damaged during installation. Check the product label to identify the model/version of your charger. Note down the serial number (SN) and unique identification number (UID), as you will need these to complete the registration of your charger.

We recommend installing your charger, as shown in the diagram on the left. The minimum installation height must be at least 18 " /46 cm, measured from the bottom of your charger. Wallbox recommends an installation height of 50-67 " /127-170 cm.

The wiring may use your charger's rear or bottom access ports for hardwired installations. Make sure to note that the power supply wiring and conduit (if used) will need to be placed on the left side of your charger.

Breaker and wiring configuration must adhere to all applicable codes, regulations, and ordinances for electrical installations regarding the breaker and wiring configuration.

Remove the tape from the wall plate to detach it from the charger. Then, place it straight and mark the holes with a pencil. Ensure the bottom edge aligns with the horizontal line while the center holes align with the vertical line. Now drill with an appropriate-sized bit and place the wall plate in alignment with the fixes.

If you already have a NEMA outlet, ensure it complies with local electrical codes and has a designated circuit breaker and electrical wiring that are dimensioned appropriately.

Before hardwired installation, determine which entry port the power supply wiring or conduit will use. The charger can be connected from the rear or bottom entry ports. Choose the most appropriate connection based on the placement of the wiring or conduit.

Use a small screwdriver to cut a slit in the rubber grommet to create an opening for your power supply wiring. Alternately, remove the grommet and attach the conduit fitting if you use a conduit for the rear attachment.

The charger LED ring should light up in a steady green. If the LEDs are not lighting, power off the circuit at the circuit breaker and contact your electrician to ensure a proper electrical installation has been made.

Download the Wallbox app to your smartphone or tablet, log in, follow the on-screen instructions to create an account, and register your charger. You will need to verify your account with a valid email address. Once you have created your account, launch the app and follow the on-screen instructions for connecting to and



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registering your charger. Enter the serial number (SN) and unique identification number (UID) to connect your charger. This information may be found on your charger label.

For troubleshooting, visit "Pulsar Plus Status LEDs - Colours" meaning. If errors persist, contact Wallbox customer service for additional instructions on how to resolve the error.

Contact us for free full report

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