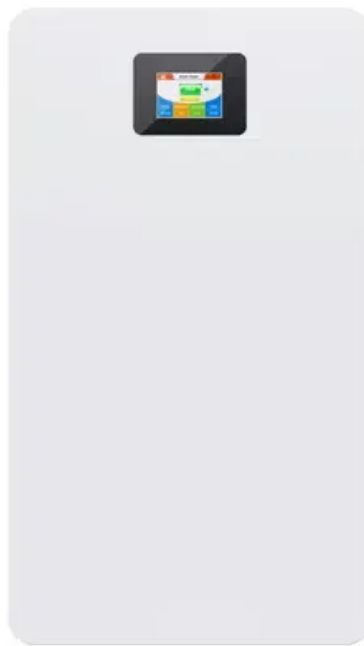


SolarInnovate Energy Solutions

How much outdoor power supply is needed for the charging pile



Overview

How to install outdoor charging piles?

Necessary rain-proof and dust-proof measures should be taken for outdoor charging piles (such as membrane structure canopies). 1. Plan the installation location of charging equipment. It is recommended to install it near the power distribution room.

Where should a charging pile be installed?

Standalone charging piles should be installed at least 2 meters away from buildings, fixed posts, trees, and other obstacles. The ground must be level to ensure a stable foundation. Before installation, a professional electrician should handle the wiring, and grounding protection should be considered.

What is the difference between indoor and outdoor charging pile?

Indoor charging pile: Installed indoors, with relatively low protection level and low cost. Outdoor charging pile: Designed for outdoor environment, with high waterproof and dustproof level, able to withstand bad weather. Single pile single gun: Each charging pile is equipped with one charging port.

What are the different types of charging piles?

Private charging pile: Charging piles installed by individuals, usually located in private homes, for personal vehicles. Indoor charging pile: Installed indoors, with relatively low protection level and low cost. Outdoor charging pile: Designed for outdoor environment, with high waterproof and dustproof level, able to withstand bad weather.

How far should a charging pile be from the charging pile?

A distance of at least 1 meter should be left in front and behind the charging pile to ensure sufficient ventilation. At the same time, try to install the device under a canopy to avoid direct sunlight and rainwater erosion from affecting the life and performance of the device. 2.

What is the main unit of a charging pile?

The main unit of the charging pile is the core control component, responsible for managing the operational state and output current of the charging pile. It typically includes a power module, control module, and communication module. The power module converts AC power into DC power for charging the vehicle.

How much outdoor power supply is needed for the charging pile



[Charge pile principle] electric vehicle charging pile principle

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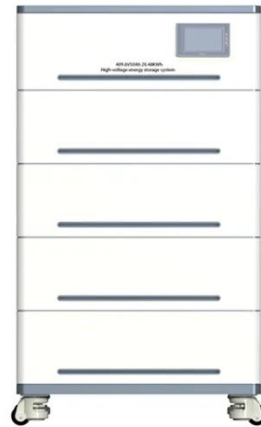


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