Fully automatic station solar charging pile

Overview

What are the characteristics of an electric vehicle charging pile?

As the electric vehicle charging pile (bolt) on the power distribution side of the power grid, its structure determines that the characteristics of the automatic communication system are many and scattered measured points, wide coverage, and short communication distance.

How does a charging pile work?

Charging piles generally provide two charging methods: conventional charging and fast charging. People can use a specific charging card to swipe the card on the human-computer interaction interface provided by the charging pile to perform corresponding charging operations and cost data printing.

What is the protection level of the charging pile (bolt)?

m) The protection level of the charging pile (bolt) complies with the IP54 requirements of “GB 4208-1993 Enclosure Protection Level (IP Code)”; The input end of the charging pile is directly connected to the AC grid, and the output end is equipped with a charging plug for charging the electric vehicle.

How to choose a charging pile (bolt)?

The charging pile (bolt) should have a good shielding function against electromagnetic interference; ⑤ The bottom of the pile (bolt) body should be fixedly installed on a base not less than 200mm above the ground. The base area should not be larger than 500mm×500mm; 3. Power requirements 4. Electrical requirements.

How to choose a good AC charging pile?

The AC charging pile (bolt) should comply with IP54 (outdoor), and be equipped with necessary rainproof and sunscreen devices; 7. Three defenses (anti-moisture, anti-mildew, anti-salt spray) protection The printed circuit boards, connectors and other circuits in the charger should be treated with

anti-moisture, anti-mildew, and anti-salt spray.

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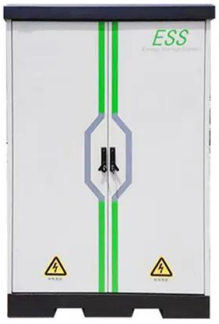

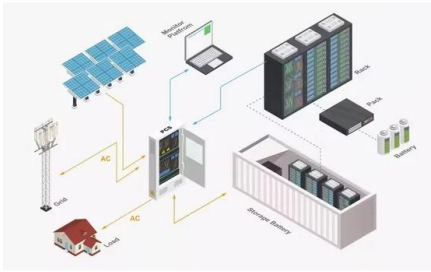

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Working principle diagram of solar charging pile

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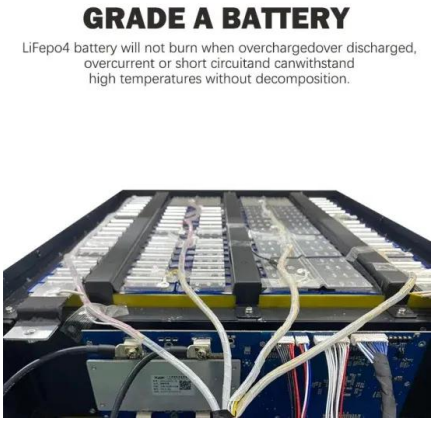

Solar charging pile installation design

In addition, when purchasing electric vehicles, users mainly consider whether the charging piles are fully equipped, whether charging is convenient enough, and whether it is feasible to install ...

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Advantages and disadvantages of solar automatic charging piles

Working principle, types and advantages of DC charging piles Advantages of DC charging piles. Compared with AC charging, DC charging piles have the following advantages: Fast charging ...

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