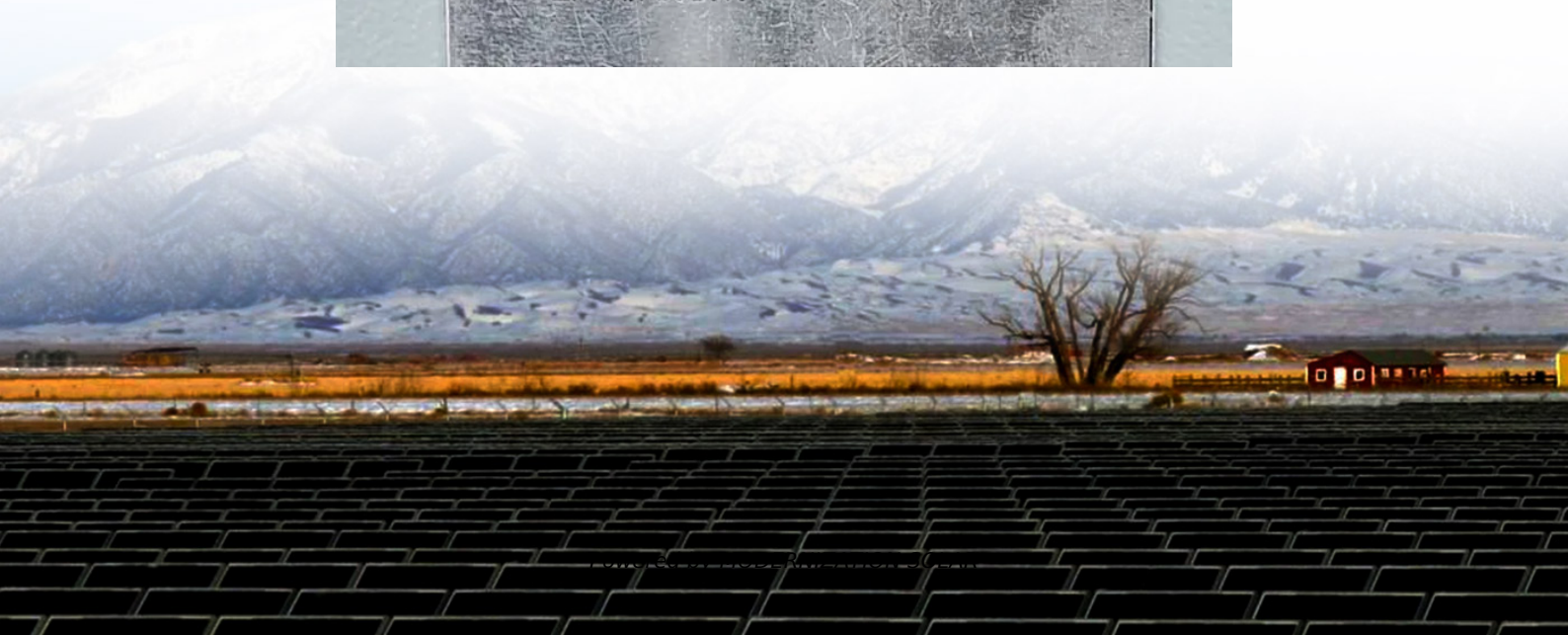


# **The latest energy storage mobile charging pile**





## Overview

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Are charging piles the future of smart energy?

Domestically, the charging pile industry is evolving from a simple energy supply facility into a critical node in the smart energy ecosystem. With the maturation of technologies like V2G and distributed energy, charging piles will become a key component of future smart grids.

What is a charging pile?

The function of charging piles is like that of tankers in gas stations. Charging piles can be fixed on the ground or wall and installed in public buildings, residential parking lots or public electric car charging stations. They can be used to charge various types of electric cars according to different voltage levels.

How many charging piles are there in China?

According to the latest statistics from the China Electric Vehicle Charging Infrastructure Promotion Alliance (EVCIPA), by the end of 2023, the total number of charging piles in China had exceeded 9 million, with public charging piles accounting for about 35% and private charging piles making up 65%.

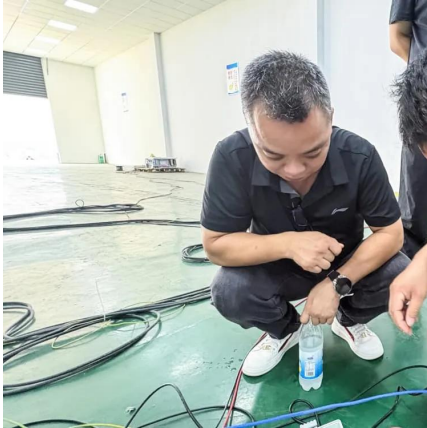
What challenges does the charging pile industry face?

Industry Challenges: Profitability and Standardization Issues Despite its promising prospects, the charging pile industry still faces several challenges: Profitability Issues: Except for high-usage scenarios, most public charging piles suffer from low utilization rates, leaving operators struggling to achieve profitability.



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