

# Huawei Laos energy storage vehicle equipment

LIQUID/AIR COOLING

INTELLIGENT INTEGRATION

PROTECTION IP54/IP55

BATTERY /6000 CYCLES



## Overview

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What are Huawei's intelligent lithium battery solutions?

Huawei's intelligent lithium battery solutions provide dynamic peak shifting, transforming traditional backup power systems into efficient energy storage solutions that enhance system flexibility and reliability.

Why is Lao promoting electric vehicles?

Despite infrastructure challenges, the Lao government remains committed to promote electric vehicles to alleviate the economic strain of importing petroleum. The Ministry of Industry and Commerce is actively devising plans to handle expired batteries, which are vital for the eco-friendly disposal of electric vehicle components.

Does Laos have an EV market?

**Burgeoning EV Market Growth:** In 2023, Laos experienced substantial expansion in its EV market, marked by the sale of 4,631 EVs, indicating an increasing inclination towards sustainable transportation options. Nonetheless, the uptick in EV usage is hindered by inadequate infrastructure, exemplified by Laos' possession of merely 41 charging stations.

Does Laos need a charging station?

However, despite this encouraging trend, Laos encounters obstacles in infrastructure expansion, evident by the limited presence of charging stations, numbering only 41 and predominantly situated in Vientiane Capital.

Why is Huawei developing a solid-state battery?

Huawei's design aims to boost safety and cycle life by mitigating degradation at this critical junction. Huawei's involvement in solid-state battery research reflects a broader trend among Chinese technology and automotive companies. While Huawei does not manufacture power batteries, it has shown increasing interest in upstream battery materials.

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