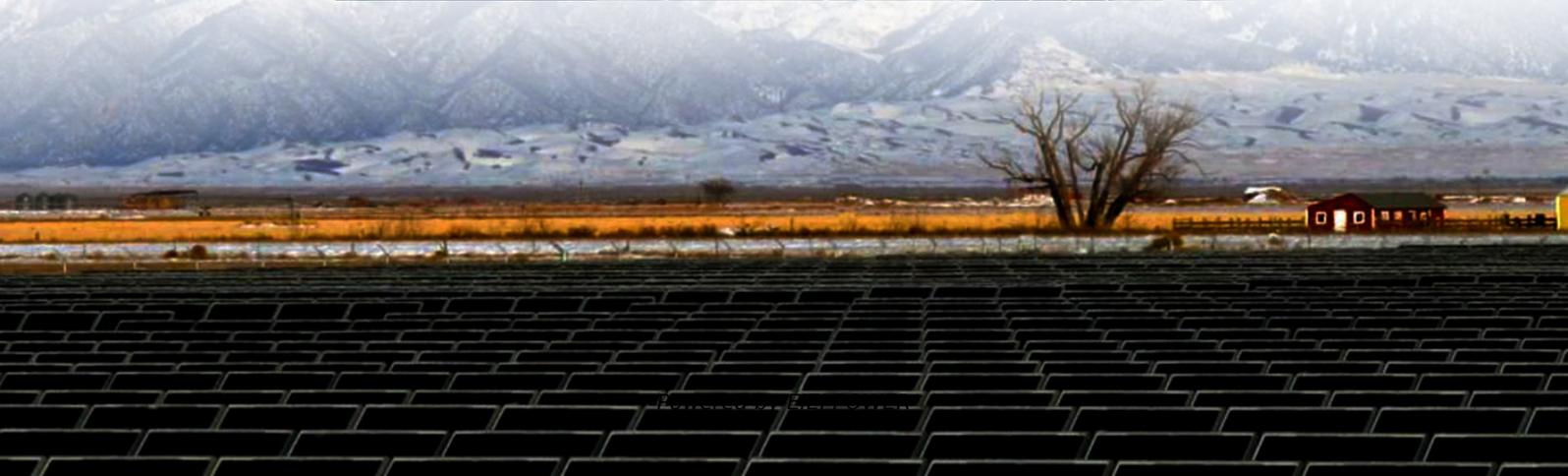
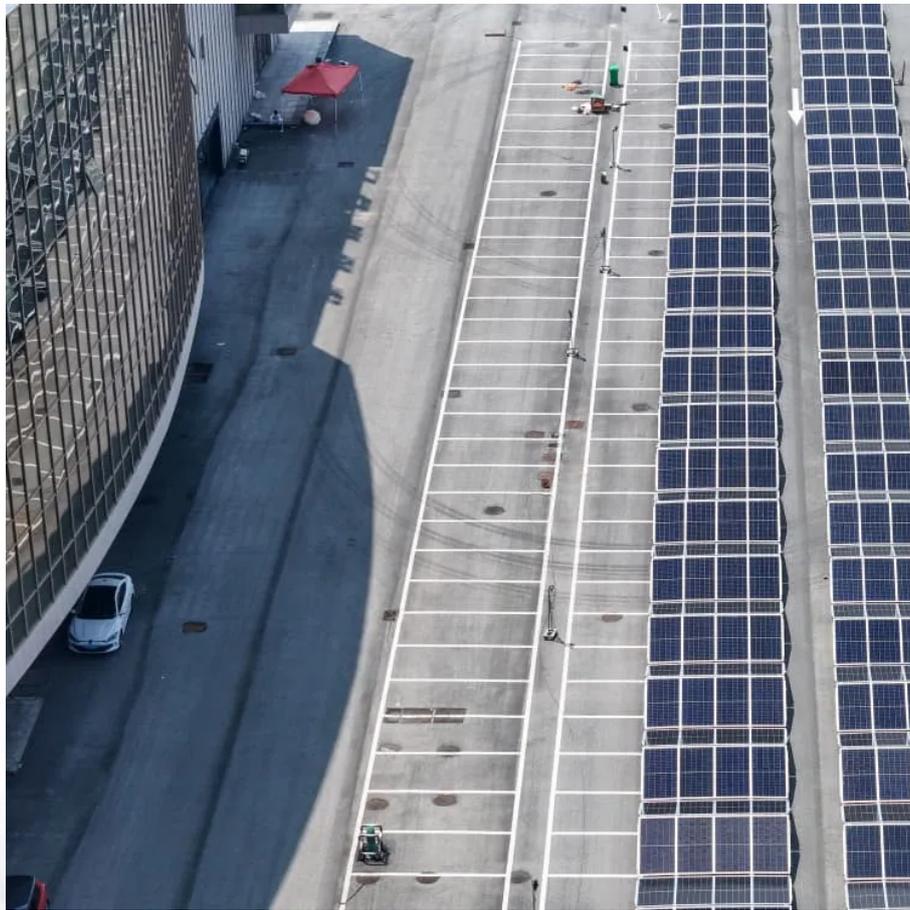


# **Coal mine 5g solar container communication station lithium ion battery**





## Overview

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What is 5G technology at dahaize coal mine?

At Dahaize Coal Mine, 5G technology has enabled 'zero-latency' remote control of equipment, paving the way for a comprehensive mining approach that includes planned coal cutting, video monitoring, and ground-based remote control.

Who won GSMA 5G Energy Challenge Award 2023?

ZTE, together with Dahaize coal of China Coal Group Shaanxi Company, China Coal Technology & Engineering Group, China Coal Information Technology (Beijing), China Mobile and China Broadnet, has been rewarded 2023 GSMA "5G Energy Challenge Award" for their joint efforts in the project of "Dual-frequency 5G Networks for Smarter Coal Mining."

What is China's strategic partnership with China National Coal Group?

In 2020, China National Coal Group Corporation, China Coal Technology & Engineering Group Corporation Limited, China Mobile, China Broadcasting Network, ZTE Corporation, and other parties formed a strategic partnership to drive the digital transformation of Dahezhong Coal Mine.

How much coal does dahaize coal mine produce a day?

With the increasing integration of 5G applications and the industry, Dahaize Coal Mine achieves a daily production of 60,000 tons of raw coal with a cost reduction of 12 yuan per ton.



## Coal mine 5g solar container communication station lithium ion bat

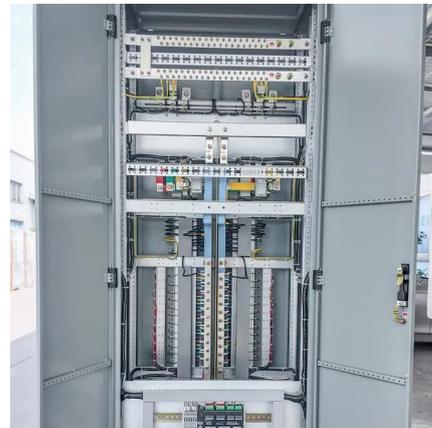


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The mine-used 5G hybrid networking wireless system mainly uses 4G technology to provide voice calls, and 5G technology mainly provides high-definition video analysis, big data transmission ...

## **Research and development of 5G communication system standards for coal**

In order to meet the needs of remote monitoring, video monitoring, data acquisition, and voice communication in coal mines, the 5G communication system used in coal mines should have ...



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