

DX explosion-proof special battery monorail crane transportation system is suitable for the overall transportation of materials and personnel in small slope (17°;15°;176°;) tunnels in coal mines according ...

Therefore, the selection of lithium battery has become the best way at present. Based on this, this paper mainly studies the technology of lithium battery monorail crane ...

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The invention discloses an electric-hydraulic compound driving system of a storage battery monorail crane and a driving wheel self-adaptive clamping method, which are suitable for being used on a monorail crane. The device comprises a variable frequency power unit, a closed driving unit, a proportional clamping unit and a measurement and control unit, wherein the variable ...

The explosion-proof battery monorail crane has green and clean features. It has gradually become a key research and development equipment for underground auxiliary transportation in coal mines. This paper analyzes the research status of the mining monorail crane system from four aspects of battery drive, positioning, measurement and control ...

The utility model provides a mining monorail crane lithium ion storage battery power box aiming at solving the problems that a lithium ion battery power box is directly used for replacing a lead-acid battery power box, so that the large space is occupied, the overall arrangement and distribution are not reasonable, the anti-explosion performance is poor, and the like in the prior art.

The mining suspended monorail crane drive wheels is specially designed for the mining environment and is used to drive the key components of the monorail crane system to move on the ...

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Since 1987, our company has been leading the industry with production of various types of lifting machines and cranes ranging from 500 kilograms to 200 tons capacity, continuously ...

Abstract: The advantages and disadvantages of five commonly used mining monorail cranes, namely explosion-proof diesel engine monorail crane, explosion-proof battery monorail crane, ...

Its main advantages: strong power, large traction, and strong climbing ability (can climb 25-degree slopes). The maximum load capacity at a 25-degree slope is 32 tons. At present, the diesel engine monorail crane can achieve 12 drives; the traction force of each drive is 25KN, and the maximum traction force reaches 300KN. Its main disadvantages are: the ...

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