

Kongres Container

Construction site first level mobile power box



Overview

Can ETEC Powerbox be used on construction sites?

Optionally, the ETEC Powerbox can be equipped with an integrated DC fast charger with a charging capacity of up to 200 kW charging power allowing electric machines to be recharged at lightning speed. The ETEC Powerbox excels in versatility, reliability, and sustainability. It offers much more than just power on construction sites.

What is a temporary power box?

A temporary power box, also known as a power spider box, is a portable electrical enclosure that provides temporary electrical power distribution on construction sites and other remote locations. It serves as a hub for connecting various electrical loads and distributing power safely and efficiently.

What are the advantages of a powerbox?

Another unique advantage: the Powerbox can serve as an energy buffer. This means that even with a small grid connection, you can charge high power levels, eliminating the need for large grid connections. As a result, fully electric equipment can be deployed even in remote or grid-constrained locations.

How does a temporary power service work on a construction site?

Once the power switches over, an electrical team will disconnect and remove the temporary power components from the site. While a temporary power service is the best option for large-scale and long-term construction projects, it's not the only option for temporarily powering your construction site.

What is a PowerBox and how does it work?

With its optional integrated DC fast charger of up to 200 kW, the Powerbox enables ultra-fast charging. This makes it fully prepared for the energy

demands of tomorrow: powerful, future-proof, and completely emission-free. The Powerbox can also be combined with a generator, creating a hybrid energy configuration.

Why do construction sites rely on temporary power?

When a piece of land is undergoing development and construction, it's not yet tapped into the grid — leaving construction teams without electricity to power their equipment. That's why they rely on temporary power for construction sites. But what is temporary power?

Where does it come from?

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