

New Energy Uninterruptible Power Supply





Overview

What is an uninterruptible power supply system (UPS)?

To improve the efficiency of the power supply system, an uninterruptible power supply system (UPS) has been developed, which differs from the existing analogs, allows to reduce the peak power of the connected load, and is presented in Fig. 3.4 [25, 26]. Figure 3.4. Block diagram of the uninterruptible power supply system.

Are battery-backed uninterruptible power supplies reliable?

Reliability of power sources is an increasing challenge in many sectors and battery-backed uninterruptible power supplies (UPS) are one option to protect and keep electronic equipment operating in the event of grid power failure.

Why do you need a power redundancy UPS unit?

The use of a UPS unit with power redundancy allows the consumer to provide the necessary high-quality level of power supply, choosing the capacity of the battery station and installing its own additional autonomous power supply source of the required power.

How many mw can a new ups support?

For the first time, this new UPS provides customers with a 1.25-mw scalable and modular solution with 125-kw/3U power modules in a 1.2m² footprint while being capable of supporting up to 1.25 MW of critical load in one frame and up to 5 MW with 4 units in parallel in only 4.8 M² space. Key benefits include:



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UPS Uninterruptible Power Supply, UPS Uninterruptible Power Supply

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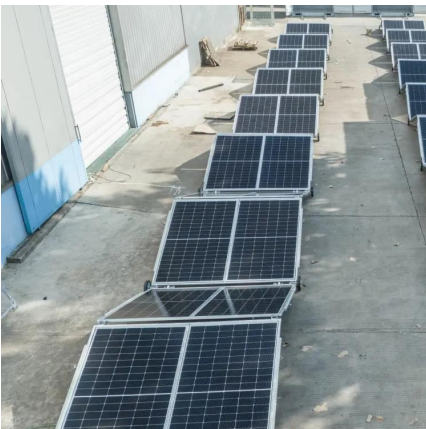
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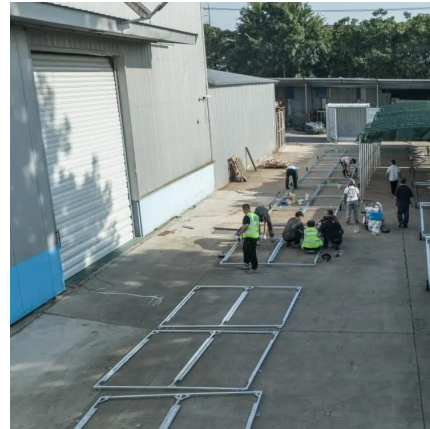
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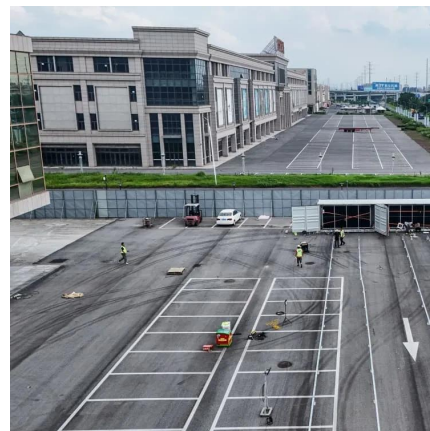


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