

Namibia lithium iron phosphate solar container energy storage system





Overview

What is a modular lithium phosphate DC energy system?

The modular lithium phosphate DC energy system this unit is a 640 Wh modular 12.8V DC energy system with a Smart Solar 100/20 MPPT charge controller. When considering this energy system, the crucial factor to decide upon would be the duration for which energy is needed from the system's storage.

What is LiFePO4 batteries?

The LiFePO4 Batteries is an innovative energy storage solution, the batteries have a prime-life lithium iron phosphate battery cell. Ensuring at least 4000 cycles at 80% Depth of charge (DoD). The modular lithium phosphate DC energy system this unit is a 640 Wh modular 12.8V DC energy system with a Smart Solar 100/20 MPPT charge controller.

What is a lithium iron phosphate (LiFePO4) battery?

The included lithium iron phosphate (LiFePO₄) battery ensures exceptional performance, safety, and longevity, with pre-programmed settings for optimal output. This setup is meticulously configured at our factory, enabling easy connections and significantly reducing installation time.



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The system uses lithium iron phosphate (LiFePO₄) batteries from China's Narada Power, chosen for their thermal stability in Namibia's 45°C summers. Here's the clever part - it'll store:

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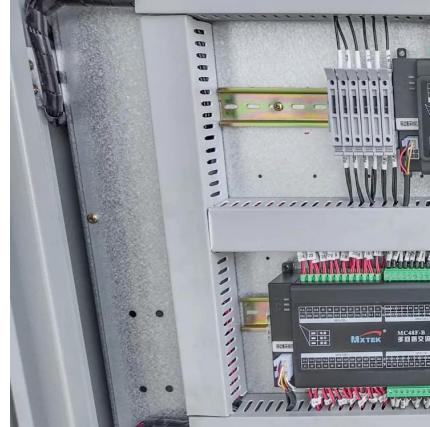
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