

High-efficiency bulk procurement of photovoltaic containerized equipment





Overview

What is a mobile solar PV container?

High-efficiency Mobile Solar PV Container with foldable solar panels, advanced lithium battery storage (100-500kWh) and smart energy management. Ideal for remote areas, emergency rescue and commercial applications. Fast deployment in all climates.

What is HJ mobile solar container?

The HJ Mobile Solar Container comprises a wide range of portable containerized solar power systems with highly efficient folding solar modules, advanced lithium battery storage, and smart energy management.

What is bulk photovoltaic effect (bpve)?

The bulk photovoltaic effect (BPVE) leads to directed photocurrents and photovoltages in bulk materials. Unlike photovoltages in p-n junction solar cells that are limited by carrier recombination to values below the band-gap energy of the absorbing material, BPVE photovoltages have been shown to greatly exceed the band-gap energy.

Who are the authors of Colos-SAL mid-Infrared bulk photovoltaic effect?

Gavin B. Osterhoudt, Laura K. Diebel, Mason J. Gray, Xu Yang, John Stanco, Xiangwei Huang, Bing Shen, Ni Ni, Philip J. W. Moll, Ying Ran, and Kenneth S. Burch, Colos-sal mid-infrared bulk photovoltaic effect in a type-I Weyl semimetal, *Nat. Mater.* 18, 471 (2019).



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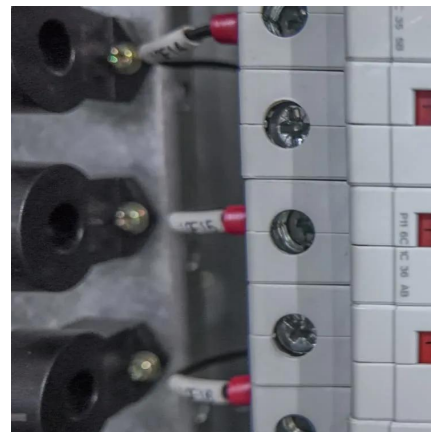


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