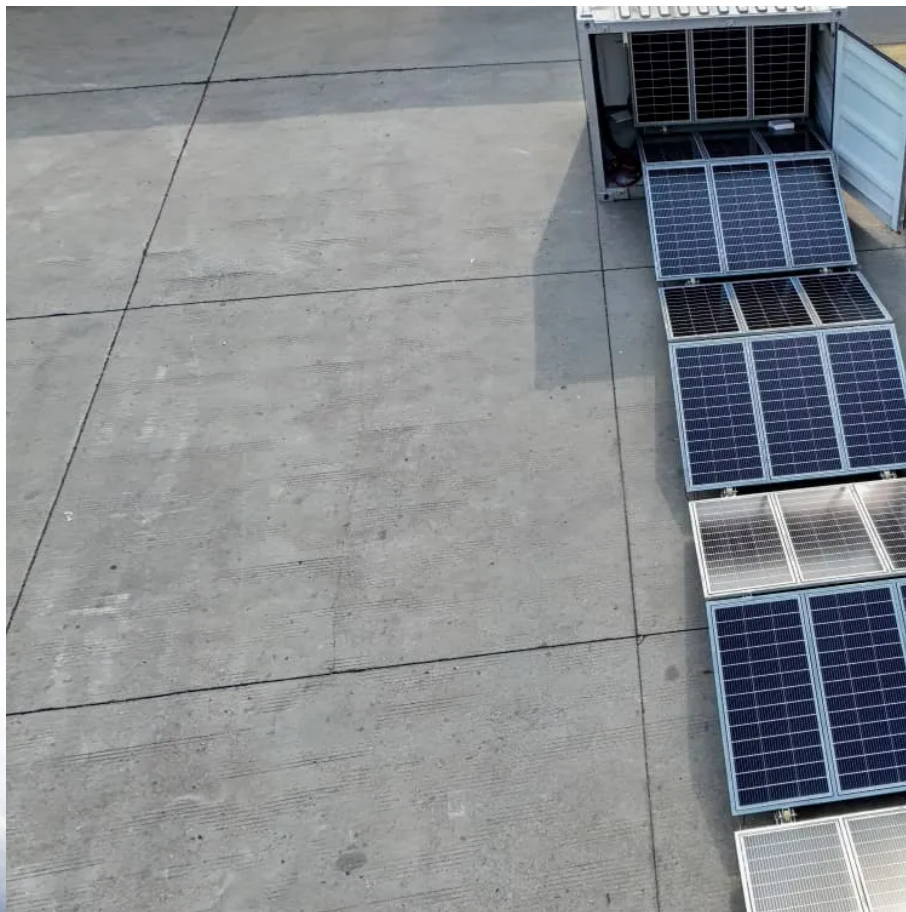


Replacement plan for uninterruptible power supply equipment of solar container communication stations





Overview

What is an uninterruptable power supply system (UPS)?

2.1 An uninterruptable power supply system (UPS) is defined as a device which for a specific period of time supplies continuous power to radio equipment independent of any power failures in the ship's main or emergency source of electric energy.² rechargeable accumulator batteries, complying with the requirements of annex 1.

How a back-up system can reduce the electricity bill?

The proposed back-up system gets charged from the available reliable RESs with no pollution and noise, and it can also reduce the electricity bill. The proposed intelligent power module functions are displayed on LCD, it has been designed and analyzed in real time environment. Bridge Type Rectifier Used in the Power Supply Module.

Which transformer is required to provide neutral terminal to UPS system?

5.1.16 (Optional) Isolation transformer is required for providing neutral terminal to the UPS system. Detailed configuration of the isolation transformer shall be referred to the Particular Specification. Bypass mode. Under normal operation, the rectifier/charger unit shall convert the incoming a.c. mains power supply to d.c. power.

What is a modular UPS system?

5.1.4 The UPS system shall be of modular design and made up of one or more physically detachable equipment modules or cabinets, preferably of the draw-out type and removable from the front of the UPS system. 5.1.5 The UPS system shall be designed to permit ready access to modules and assemblies.



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Annex 3

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