



Uninterrupted power supply for ship-to-shore solar container communication station

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What is a Wärtilä shore power container (SPC) system?

The Wärtilä Shore Power Container (SPC) system is a complete alternative marine power solution for container vessels. The Wärtilä SPC system sits inside a standard 40-foot-high container that can be installed in any suitable location on the vessel's deck. A 20-foot single-component version is also available on request.

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.

Why do ports need a customised energy supply system?

More and more ports are confronted with an increased public awareness of environmental issues. Stricter guidelines are forcing ports to implement more environmentally friendly technologies. Our customised energy supply systems for providing vessels at berth with shore power are the solution to reduce air pollution, noise and vibration.

Reduce vessel emissions and costs with R& B Switchgear Group's ship-to-shore power connections for uninterrupted port operations.

The "SHORE POWER" frequency converters can also be provided with batteries to provide an uninterruptible power supply feature to cover any disturbances and power failures in the ...

What is QuayPower(TM) ? QuayPower(TM) is a cost effective, flexible modular and scalable containerised power conversion solution that provides reliable in port power and charging ...



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Wartsila's alternative maritime power solutions are available as built-in shore-side systems or deck-mounted containerised systems. They have been ...

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For ships at berth, the required electric power is transmitted from the shore, and the onboard generator is shut down. The system reduces emissions of NO_x, SO_x, and other air pollutants, ...

Our customised energy supply systems for providing vessels at berth with shore power are the solution to reduce air pollution, noise and vibration. An international standard ensures ...

With SIHARBOR, Siemens offers a power supply solution for eco-friendly ports that allows ships to draw reliable, clean power from the onshore grid when berthed so that it will not be ...

Shore power, also known as cold ironing, Onshore Power Supply (OPS), or Alternative Maritime Power (AMP), allows a docked ship to plug into utility power and turn off diesel generators.

Onboard, the shore-to-ship power equipment is fully integrated with the ship's electrical and automation system, enabling seamless power transfer from onboard generation to shore power.

Wartsila's alternative maritime power solutions are available as built-in shore-side systems or deck-mounted containerised systems. They have been designed according to the IEC 80005 ...

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