

Stockholm solar container communication station Power Supply Plant



Overview

Does ports of Stockholm have a sustainable project?

Earlier this year, Ports of Stockholm, in collaboration with many other ports and stakeholders, received approval to apply for EU funding for three sustainability initiatives. Ports of Stockholm has announced that it will launch an innovative project that combines OPS and microgrid technology with its partners.

What is ports of Stockholm?

Ports of Stockholm aims to meet future energy needs and strengthen the sustainability of port operations with microgrid technology and OPS.

How is the port of Stockholm working to meet EU regulations?

Staffan Forsell, Chief Strategy and Development Officer, Ports of Stockholm, commented that they are working strategically to meet EU regulations that require onshore connection for ships by 2030. This places high demands on the electricity grid, especially in Port of Kapellskär where the current capacity is limited.

Who funded the sustainable port project?

The Swedish Innovation Agency Vinnova funded the project within the System Demonstrator Sustainable Port program, which is led by the University of Skövde in collaboration with Stella Futura and Ilmatar.

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Ports of Stockholm: New project combines onshore power ...

Ports of Stockholm and its partners have decided to launch a project that combines onshore power supply (OPS) and microgrid technology.

Ports of Stockholm launches innovative onshore power supply ...

Ports of Stockholm, in partnership with the University of Skövde, Stella Futura, and Ilmatar, has launched the Innovative Microgrid Design for Sustainable Onshore Power Supply ...



 LFP 12V 200Ah

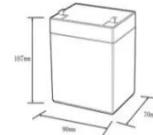


Stockholm Norvik Port launches Sweden's largest port solar ...

Stockholm Norvik Port, Sweden's newest major port, has installed a new solar cell system "larger than that of any other Swedish port", as part of its efforts to reach long-term ...

Ports of Stockholm launches onshore power project

Ports of Stockholm is set to launch an innovative project that combines onshore power supply (OPS) and microgrid technology with its partners. The project, called Innovative ...



12.8V6Ah

Nominal voltage (V):12.8
Nominal capacity (Ah):6
Rated energy (Wh):76.8
Maximum charging voltage (V):14.6
Maximum charging current (A):10
Floating charge voltage (V):13.6~13.8
Maximum continuous discharge current (A):10
Maximum peak discharge current @10 seconds (A):20
Maximum load power (W):100
Discharge cut-off voltage (V):10.8
Charging temperature (°C):-4~50
Discharge temperature (°C):-20~+60
Working humidity: <95% R.H (non condensing)
Number of cycles (25 °C, 0.5C, 100% doD): >2000
Cell combination mode: 32700-4s1p
Terminal specification: T2 (6.3mm)
Protection grade: IP65
Overall dimension (mm):90*70*107mm
Reference weight (kg):0.7
Certification: un38.3/msds



Ports of Stockholm launches OPS project and microgrid ...

The project, called Innovative Microgrid Design for Sustainable Onshore Power Supply: Port of Stockholm case study, runs between 2024 and 2027. The system ...

Innovative Microgrid Design for Sustainable Onshore Power Supply...

Planned approach and implementation To tackle the grid capacity limitations for OPS at Port of Stockholm (in specific at Kapellskär Port), this project proposes a robust microgrid solution ...



Ports of Stockholm launches pioneering OPS and microgrid ...

...



NovemPorts of Stockholm, in collaboration with partners, launched an innovative project combining onshore power supply (OPS) with microgrid technology to enhance ...

Innovation with Sustainable Microgrid Technology will ...

Innovation with Sustainable Microgrid Technology will Strengthen Ports of Stockholm Ports of Stockholm is launching an innovative project to integrate onshore power ...



Ports of Stockholm launches OPS and microgrid demo

The project, Innovative Microgrid Design for Sustainable Onshore Power Supply: Port of Stockholm case study, runs from 2024 to 2027 at the Port of Kapellskär. It aims to ...

Innovation with sustainable microgrid technology will ...

With new microgrid technology and onshore power supply, Ports of

Stockholm is taking further steps to meet future energy needs and strengthen the sustainability of port ...

<i>LiFePO₄ Battery,safety</i>
<i>Wide temperature: -20~55°C</i>
<i>Modular design, easy to expand</i>
<i>The heating function is optional</i>
<i>Intelligent BMS</i>
<i>Cycle Life: > 6000</i>
<i>Warranty: 10 years</i>



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