
60kW Nordic energy storage container for wastewater treatment plants

How much energy does a containerized wastewater treatment plant use?

No planning or buildings are required to operate a containerized wastewater treatment plant - the plant simply needs to be placed on a solid base. This saves costs in advance, and the system is also highly efficient during operation: a 20-foot container only needs 13 kWh/d. Container.One, Container.One+, Container.Pro and Container.Xtra.

Where are Klaro containerized wastewater treatment systems made?

KLARO containerized wastewater treatment systems are all manufactured, pre-assembled and tested at our site in Bayreuth. You can rely on the top quality of all installation parts. Thanks to the high-quality workmanship, the systems can be operated in any climate zone.

What is a containerized wastewater treatment plant?

A containerized wastewater treatment plant is a wastewater treatment system that is fully integrated into a container. For uncomplicated and fast transportation, we use 10, 20 and 40-foot shipping containers in accordance with the international ISO standard for our KLARO container systems.

Why should you choose Klaro containerized wastewater treatment systems?

KLARO containerized wastewater treatment systems score with their quality made in Germany, flexibility and efficiency. Individually planned and produced, they can be quickly assembled, dismantled and re-installed at a different location using the plug-and-play principle. The systems can also be installed for permanent use.

Our intelligent containerised waste water treatment plants offer a fast and effective above ground portable waste water treatment system ...

Take the difficulty out of large-scale reverse osmosis plants with containerized water treatment systems. By choosing pre-designed, ...

After having been subjected through the complete revision, update and voting process by the members of the European Committee for Standardization (CEN) the ...

Wastewater treatment plants (WWTPs) are traditionally known as energy-intensive facilities, where substantial energy consumption not only results in higher operational costs but ...

ClearFox®; containerized wastewater treatment plants offer a highly cost-efficient solution with low capital and operating expenses, as they require ...

Bonnen's High Voltage Solar Energy Storage System for Industrial & Commercial sectors is a culmination of years of meticulous research and development. Our cutting-edge ...

Reshaping the currently energy-intensive municipal wastewater treatment (MWT) practices is

urgently needed. This study systematically assessed the energy recovery and ...

The plants arrive pre-piped, wired, insulated and heated. We handle the installation enabling you to treat your wastewater only days ...

Maximizing energy efficiency through waste heat recovery (WHR) processes is crucial for sustainable and eco-friendly operations across multiple industries, notably in ...

Abstract Wastewater treatment plants (WWTPs) are considered as energy-intensive industries. A comprehensive assessment of energy efficiency in sewage treatment reveals ...

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