

European Solar Energy Storage

Tess energy storage system family



Overview

TESS captures, stores, and redeploys excess thermal energy, cutting power consumption by 20-40%. It supports load leveling, peak shaving, and can even provide short-term uninterrupted power supply in hybrid configurations. What is thermal energy storage system (TSS)?

TESS stands for Thermal Energy Storage System, and the core of our energy solutions. TESS captures unused thermal energy or heat and transforms it into usable energy. How Does It Work?

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How does Tess optimize energy usage?

TESS optimizes energy usage by capturing, storing, and redeploys excess thermal energy generated by various processes, reducing overall power consumption by 20-40%. In the Hybrid Energy Recovery Configuration, the stored energy can be utilized to load level, peak shave, and in some cases provide a short term uninterrupted power supply function.

Why should you choose Tess cooling solutions?

TESS solutions don't just increase bottom line, they also directly address Global Emission Factors* (scope 1 and 2 emissions) TESS offers innovative cooling solutions for data centers and commercial buildings, reducing HVAC loads by as much as 45% and lowering electricity or natural gas expenses by 25-35%.

Tess energy storage system family

Energy Storage Systems (TESS)



Battery Energy Storage System (TESS) is a form of energy storage that stores electrical energy by converting it into electrochemical energy. With TESS products manufactured using state-of-the-art Teksan technology, you will have ...

TESS Thermal Energy Storage // Proger

The TES is a totally green system that increases the efficiency of power plants thereby reducing consumption and polluting emissions. A modular heatexchanger with storage capacity, using a mixture of crushed solid rock, which works in an integrated ...



Energy Storage Systems (TESS)

Battery Energy Storage System (TESS) is a form of energy storage that stores electrical energy by converting it into electrochemical energy. With TESS products manufactured using state-of-the-art Teksan technology, you will have the energy you need flowing continuously.

Thermal Energy Storage Solution

TESS stands for Thermal Energy Storage System, and the core of our energy solutions. TESS captures unused thermal energy or heat and

transforms it into usable energy.

12V 10AH

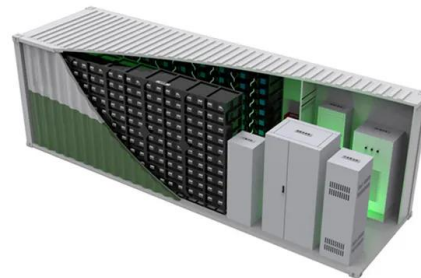


What Can TESS Do For You

It can power buildings, factories, or facilities or sell energy back to the grid. It integrates with chillers, boilers, furnaces, HVAC systems, and industrial processes, storing and converting waste heat into electricity. We are the global distributor for the TESS technology.

The Thermal Energy Storage System (TESS) Standard

This Standard specifies the requirements for contractors undertaking the design and installation of electrically charged thermal energy storage systems (TESS) supplying space heating (with or without the provision of domestic hot water) to permanent buildings.



Modular thermal energy storage system

A thermal energy storage (TES) system includes a plurality of closely packed TES modules, each TES module having a shell enclosing a plurality of sealed tubes that each contain a TES

Tess Innovations

The TESS System captures and repurposes excess thermal energy, reducing power consumption and lowering costs while optimizing sustainability. Learn how you can cut energy waste, maximize efficiency.



Product - Tess Innovations

TESS captures, stores, and redeploys excess thermal energy, cutting power consumption by 20-40%. It supports load leveling, peak shaving, and can even provide short-term uninterrupted power supply in hybrid configurations.



The Easy Way of Storing Energy

The Energy Management System, together with the Battery Energy Storage System, is a control device that ensures the efficient operation of environmental resources, instant data flow, alarms and data can be monitored live.



White Paper

An innovative approach to conventional portable and emergency gensets involves the use of mobile energy storage systems (MESS) and transportable energy storage systems (TESS), offering clean and noise-free alternative solutions.



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