

Streamlined, Turnkey Microgrid Solutions

For over 30 years, Trystar has been a trusted leader in providing power resiliency solutions to a broad range of industries, including data centers, utilities, healthcare, disaster recovery, events, and more.

Trystar's Containerized Renewable Microgrid concept is a highly flexible solution that allows for customization and tailoring to fit the needs of your application. This system can enhance your energy resiliency, reduce cost, and minimize environmental impact.

For solutions ranging from 250kW to 10M Trystar has the capability to engineer, design and build your solution.



Exterior look at Trystar's Containerized Microgrid concept.



Interior view of solutions within Trystar's Containerized Microgrid concept.

Trystar's Containerized Microgrid Concept Scope

- Trystar UL508A Custom Control Panels including 21" HMI display with remote monitoring functionality and Modbus TCP connectivity
- Trystar UL891 Switchboard
- Integration of Trystar Docking Station to Enable Temporary Connectivity
- Battery Energy Storage System Highlighting Trystar 40kW RS40 Inverters
- Voltage Transformation to Serve Various Load Types
- Fire Suppression System
- Ability to interface with Utility, Generators, Wind Turbines, Solar Panels and more
- HVAC Unit
- Walls featuring galvanized, interlocking panels with continuous insulation and internal metal lining. Options include vapor barriers, increased insulation for ambient conditions, blast-resistant stainless steel plates, and exterior access panels.
- Floor featuring plate steel over insulated C-channel skid frame with reinforced cutouts. Optional raised access flooring, full weld belly pan, and W-beams available.

Your Trusted Partner for Reliable, Tailored Power Solutions

Trystar acts as an "extended partner" to deliver streamlined, turnkey electrical power solutions. We understand the challenges of industries where power reliability is critical, providing flexible, scalable solutions tailored to meet customer needs, whether for remote facilities, grid-tied operations, or backup energy during crises.