

CORE industrial energy systems

BESS built around your application



Powered by proven subsystems

As energy storage becomes an increasingly important part of modern power systems, operators require solutions that deliver reliability, flexibility and confidence in demanding real-world environments.

CORE Industrial Energy Systems have been developed by GTI to combine proven energy storage technology, intelligent power conversion and practical deployment expertise within a single integrated platform.

Built around premium European technologies and assembled in the United Kingdom, CORE provides a scalable approach to battery energy storage for rental, temporary power, construction, infrastructure, utilities and industrial applications.

Unlike fixed architecture products, CORE combines a proven platform with configurable deployment options, allowing systems to be aligned to operational requirements rather than forcing applications to adapt to the product.



Store energy.
Control energy.
Deliver power.
Deploy with confidence.

Why CORE?

Built by GTI Power Generation

Powered by proven subsystems

Premium European technologies

Built in the UK

Mobile & scalable platform

Designed for real-world applications

Global support

Future-ready architecture

Powered by proven subsystems

**VOLVO
PENTA**

Energy storage
technology

meccalte

Power conversion
& hybrid controls

GTI POWER
GENERATION

System integration,
assembly & validation



Built around your application

Every power project is different...

Different loads.

Different operating environments.

Different charging strategies.

Different deployment requirements.

CORE has been developed around a simple principle:

Standardised architecture

Configurable deployment

This allows operators and end users to benefit from a proven platform while retaining the flexibility needed for real-world applications.

Typical applications

Rental power

Construction

Infrastructure

Utilities

Mining

Events

Telecommunications

Industrial facilities

Hybrid generator systems

Emergency power

Microgrids

Designed for real operations

CORE has been developed with practical deployment in mind.

Features include:

Mobile transportable platform

Rapid deployment architecture

Hybrid generator integration

Peak shaving capability

Load levelling

Grid support functions

Remote monitoring capability

Fleet-friendly operation

Future scalability microgrids



Powered by proven subsystems

CORE combines specialist expertise from leading European technology partners.



STORE

Advanced energy storage technology

CONTROL

Hybrid energy management and power conversion

POWER

Industrial power delivery

DEPLOY

GTI integration expertise

CORE product range

Scalable energy storage solutions

A platform designed to grow

CORE Industrial Energy Systems are built around a scalable platform architecture, allowing customers to select the right balance of energy storage, power output and application flexibility.

Designed specifically for power generation, rental, construction and industrial energy applications, CORE systems combine proven subsystem technologies with

real-world engineering expertise to simplify deployment and accelerate project delivery.

Whether supporting a temporary power application, hybrid generator installation, rental fleet, infrastructure project or industrial energy system, CORE provides a flexible foundation that can evolve alongside customer requirements.

Model	Energy Capacity	Inverter Power	Typical Application
CORE G250/i125	250 kWh	125 kW	Hybrid power, small sites, rental, construction & temporary power
CORE G500/i250	500 kWh	250 kW	
CORE G1000/i500	1000 kWh	500 kW	Industrial, infrastructure, large site operations, utility & energy projects
CORE G1500/i750	1500 kWh	750 kW	
CORE G2000/i1000	2000 kWh	1000 kW	

Illustrative platform roadmap. Final configurations subject to customer requirements and subsystem selection.

Product Focus

CORE G500/i500



CORE G500/i250

500 kWh energy capacity

250 kW inverter output power

Mobile 10ft platform

The CORE G500/i250 has been developed as a high-performance energy storage platform suitable for rental, temporary power and industrial applications.

Combining advanced energy storage, intelligent hybrid controls and industrial-grade power conversion within a compact transportable package, the G500/i250 provides a practical solution for modern hybrid power systems.

Configurable by design

Unlike fixed-configuration energy storage products, CORE systems can be configured around customer requirements.

Options may include:

Charging strategy selection

AC connection configurations

Generator integration requirements

Site-specific deployment requirements

Monitoring and communications options

Future expansion capability

Application-specific control strategies

This flexibility enables customers to create a solution tailored to their operational needs rather than adapting their operation around a standard product.

Why this matters

Built around your application

Many energy storage systems are designed around a fixed specification.

CORE has been developed with flexibility at its centre, allowing customers to select the configuration that best supports their application, operating model and future growth plans.

Combined with trusted European subsystem technologies, global support and power generation expertise, CORE provides a scalable pathway into energy storage without unnecessary complexity.

Key Features

500 kWh energy storage capacity

250 kW AC power output

NCA battery technology

Grid forming & grid following operation

Peak shaving & load levelling

Generator integration

Remote monitoring ready

Integrated fire suppression system

Built in the UK

Premium European technologies

Global technical support

Why CORE?

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Built around your application

Premium European technologies

Mobile & scalable platform

Rental ready architecture

Global technical support

Future ready platform

Next Steps

Technical datasheet available

Application review available

Demonstration unit available

Project consultation available



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www.gtipowergeneration.com