



**Battery Storage:
For the
Construction
Industry**

**Green, Flexible,
Portable Battery
Storage Solution for
Construction Sites in
Carbon Free Zones**

The Green Construction Market

Green construction technology makes buildings more energy-efficient & sustainable, so they have a lower carbon footprint and a reduced impact on the environment. Builders, building owners, and tenants all realise considerable benefits from the application of green construction technology.

Electric Machinery has now become available across the world. These machines are zero emissions, which means for the operator there is no breathing in diesel fumes. The running costs are much cheaper than that of a machine, which runs purely on diesel. Finally no engine noise means it is actually much safer. Electric machinery are so quiet! Not only will this save on the cost of ear defenders but workers will be able to hear each other, give instruction better or warn each other of any danger.

Green power has made significant strides across the globe; however, there has been a lack in the ability to store power & to utilise the power that is generated daily across the UK. Thus leading to significant demand for mobile power sources to be utilised within the construction market to bolster their ambitions to use electric machinery remotely. With Net Zero Zones being introduced across the UK electric Machinery is the future to keep within these rules.

Using conventional power sources, such as diesel generators to charge this equipment & not being able to get power direct from the grid in a timely manner, **CNEs Energy Storage Solution** is the future to solve the growing demand for global construction sites giving a mobile & flexible solution with a range of capacity.



Energy Storage Systems

Delivering Green Power Direct from Renewable Sources to the Construction Site.

- ✓ The **Static** range of eGen modules are designed to deliver power range from 500kw up to 3MW.
- ✓ The **Mobile** range of eGen Modules are designed to deliver power of up to 5MW.
- ✓ The range in both physical dimensions and power means versatility is supplied to the customer to meet their operational needs.

The Solution

CNEs unique modular design is transportable by road & can be delivered anywhere, including remote sites where diesel generators are the only alternative.

With our unique charger system, the **eGen-C**, we can take power from green & conventional grid source alike. Alternatively in the event that grid or green power sources are not an option, the **eGen** range can be used alongside traditional generators to form hybrid systems reducing their CO2 emissions by up to 60%.

Our **eGen Mobile** Range can be used as the power source on site or as a delivery unit to support the supply of green power to the **eGen** range.

Our Innovative Solution to Store & Delivery Green Power