

Ready to power your future?

Contact us today to learn how Volt Station can be customised to fit your specific energy and charging needs.

Contact Us

info@valorpower.co.uk
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www.valorpower.co.uk

 **Valor Power**



Deploy fast.
Scale instantly

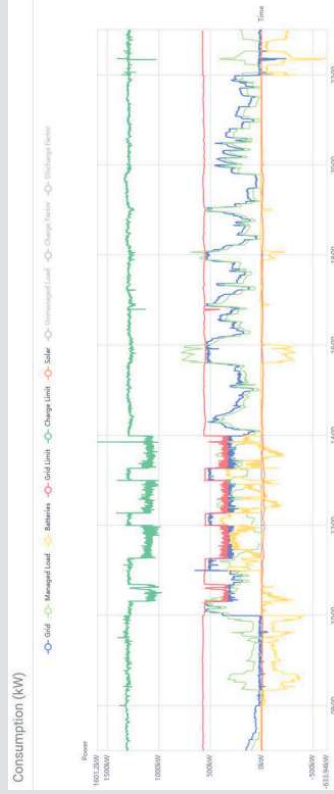
Reliable performance,
zero compromise

Built for real-world
demand

 **Valor Power**



Volt OS Control Centre



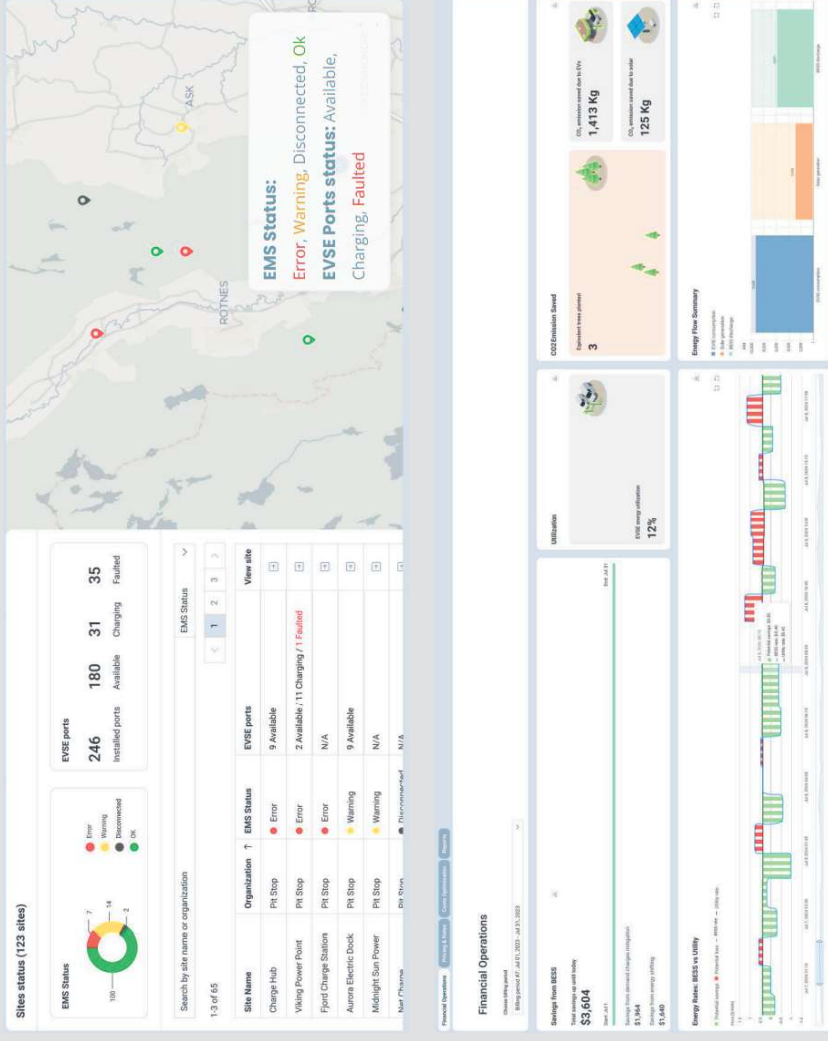
With Volt OS Control Centre optimise operations to lower costs, improve efficiency and deliver a superior customer experience.



Volt OS Control Centre

Purpose-built to power and manage complex, large-scale networks with precision and control

Integrating energy storage, renewable generation and EV charging.



The dashboard is divided into several sections:

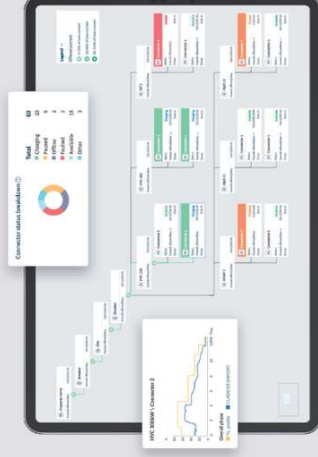
- Sites status (123 sites):** A summary card showing EVSE ports: 246 installed, 180 available, 31 charging, and 35 faulted. A donut chart shows the distribution of EMS status: 7 Error, 14 Warning, 2 Disconnected, and 2 OK.
- Table:** A table listing sites with columns for Site Name, Organization, EMS Status, and EVSE ports. A tooltip for the 'Error' status reads: "EMS Status: Error, Warning, Disconnected, Ok. EVSE Ports status: Available, Charging, Faulted".
- Financial Operations:** A section showing a line graph for Energy from BESS and a summary card for Energy from BESS with a value of \$3,604.
- Energy Flow Summary:** A section showing a bar chart for Energy from BESS vs Utility and a summary card for CO2 emissions with a value of 1,413 Kg.



Volt OS Modular Approach



Next Gen Operator Portal



Smart Energy Management



Driver Tools



InSite for
Fleets



Data Analytics and
Intelligence Reports



Billing

Purpose-built to power and manage complex, large-scale networks
with **precision** and **control**.



Volt OS Modular Approach

Fully integrated, scalable architecture built for flexibility and performance.



A unified operating platform for global energy management, seamlessly connecting storage, renewables and EV charging.

A background image showing a hand plugging a charging cable into a station. The cable has 'HPC' and 'ELECTRIC' printed on it. The station has a green light and a green button.

✓ Valor Power



Seamlessly integrate electric vehicles into your operations



Actively support the transition to a cleaner, more sustainable energy grid.



No need for costly excavation, disruptive groundworks or lengthy site preparation.

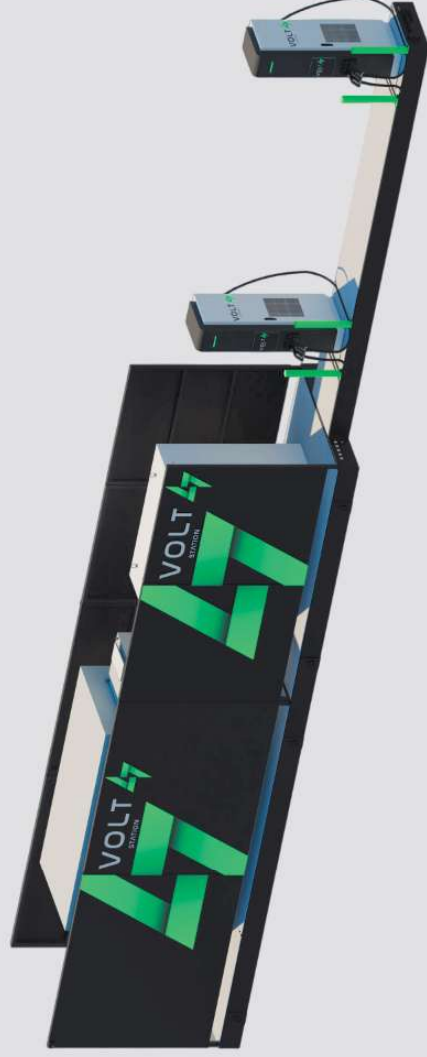
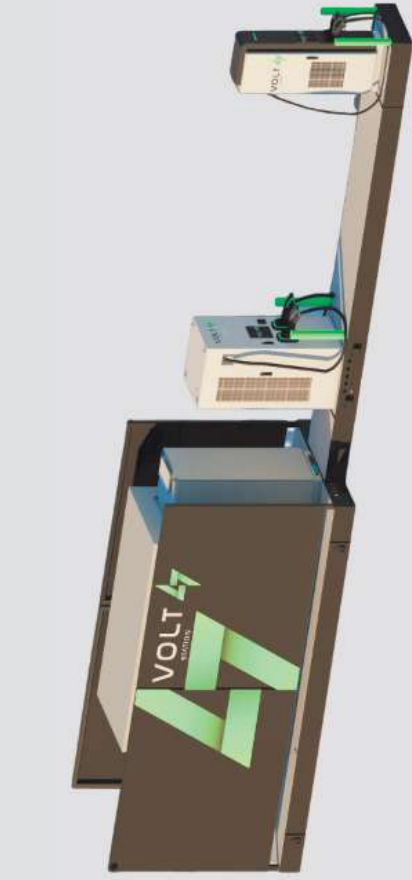


High-speed EV charging using a standard power supply, no need for expensive grid upgrades or long connection delays.

Volt Station is a pioneering, first-of-its-kind energy solution designed to overcome the biggest challenges in EV charging and on-site power resilience.

Your All-in-one eHGV Energy Solution

✓ Valor Power



Valor Power delivers reliable, depot-ready charging solutions designed specifically for logistics and fleet environments, helping your keep vehicles moving.

 **Valor Power**

Plug in with confidence: dependable solutions for every journey.

✓ Valor Power

Key Features of Volt Station

Together, these capabilities make Volt Station a **future-proof, bankable solution** for operators seeking reliable, flexible, and sustainable EV charging infrastructure.

Plug & Play modularity

Rapid deployment with no site works; scalable modules adapt to mixed fleet requirements.

Starlink connectivity

No ethernet or terrestrial network dependency; Volt Station is remotely manageable anywhere, while also offering **free high-speed WiFi access for users on-site**.

Ecosystem Software

A comprehensive platform that goes beyond EV charging, incorporating **building energy management** for holistic site optimization.

Renewable Integration

Direct connection of solar, wind, or other renewable sources into the Volt Station microgrid switchboard.

Battery Energy Storage

Enables load shifting, peak shaving, and resilience, ensuring reliable charging even in constrained or intermittent grid conditions. Provides resilience and flexibility while also unlocking **new revenue streams** through system services, energy arbitrage, and demand response participation.

On-grid & off-grid flexibility

Operates in on-grid, off-grid, or hybrid mode, boosting limited grid connections to meet EV charging demand.

Carbon-positive impact

By facilitating renewable energy integration and offsetting grid reliance, Volt Station can deliver measurable **carbon abatement**. In many deployments, it represents a **carbon offset asset**, helping operators achieve sustainability targets and potentially generate additional ESG credits.

Integrated security

Equipped with a fully integrated **AI CCTV system with geofencing**, Volt Station ensures site safety, access control, and compliance from day one.

Financing options

Available as a **fully financed package**, enabling operators to deploy infrastructure without upfront capital barriers

Installation & maintenance

We provide a **full turnkey installation and maintenance package**, ensuring seamless deployment and long-term operational reliability.

Sustainability value-adds

Reduces diesel generator reliance and enables operators to demonstrate tangible progress toward net-zero commitments by matching battery charging times to times with high renewable grid penetration times or full integration of renewable sources beyond a level capable of having to rely on the grid.



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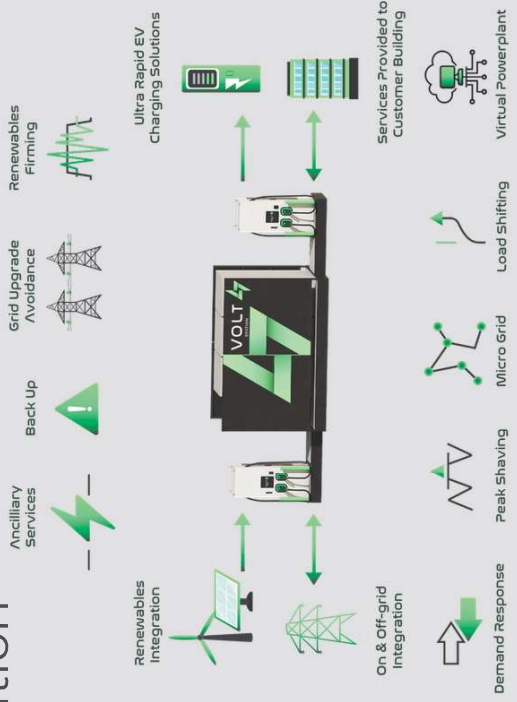
Your All-in-one Energy Solution

Volt Station is more than an EV charger – it's a transportable, microgrid-enabled platform that arrives fully commissioned from the factory and requires no civil engineering works to install. Simply plug it in, and it's ready to operate.





Your All-in-one Energy Solution



Centralised Volt Station Building Block Based on integrated microgrid enabled switchboard



Microgrid Switchboard Enabled

No external ethernet required, Starlink enabled

Whole Ecosystem Operating System. Cloud and Onsite controllers

AC chargers directly modularly connected via powerlocks

AC or DC Charging directly modularly connected via powerlocks



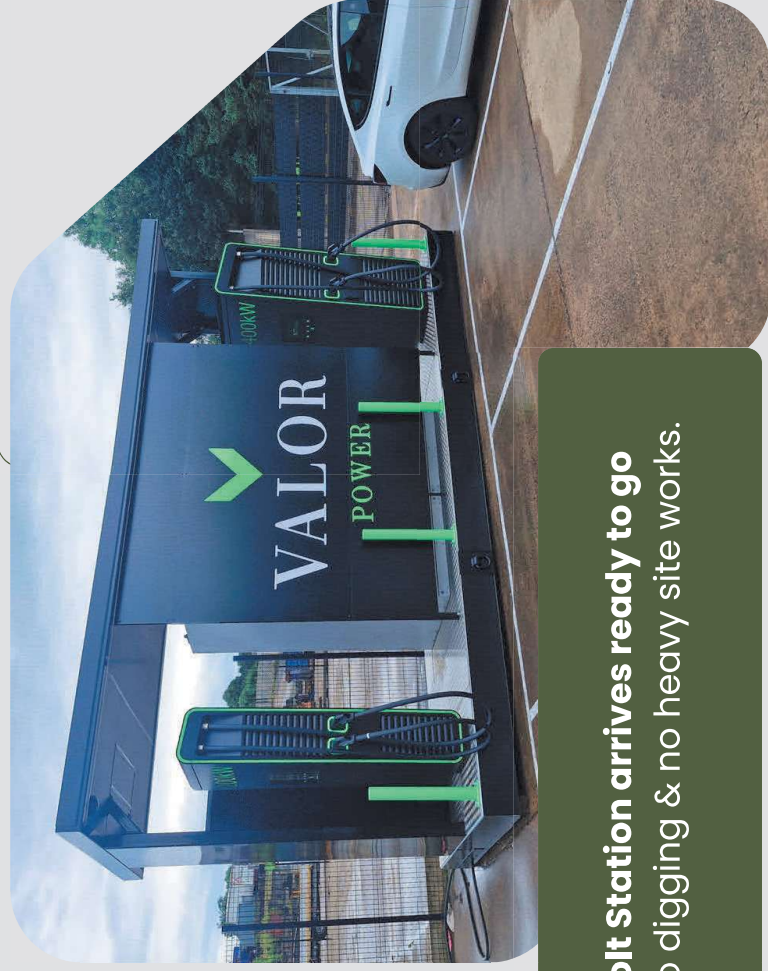
Integrated Energy Storage



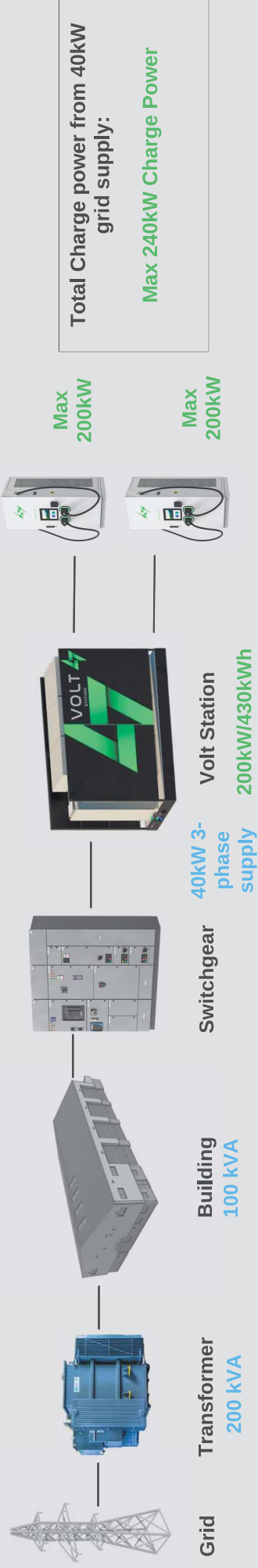
Volt Station in action

EV charging infrastructure made simple, scalable and practical for real-world environments.

We've designed it to remove the traditional barriers to installing EV infrastructure.



 **Volt Station arrives ready to go**
No digging & no heavy site works.



Valor Power

Valor Power is a forward-thinking energy company based in Northern Ireland, committed to transforming the energy sector through innovation, sustainability, and engineering excellence.

Our aim is to accelerate the green transition, helping meet national and global carbon reduction targets. We are actively involved across all sectors of sustainability, reshaping the energy landscape not by following trends, but by setting them.

VOLT
STATION

VALOR

POWER



DISCOVER VOLT STATION TODAY

Reliable charging powering every journey



Want Fast Charging for any type of electric vehicle
but can't get grid connection? **You need VOLT STATION**

✓ Valor Power

