

FELTEN

CHARGE
QUBE



MOBILE POWER FOR EVERY OPERATION

GRID IN A BOX

Battery Energy Storage and High Power EV Charging Solutions, deployed in hours, not years. Charge Qube helps organisations overcome grid constraints, reduce infrastructure costs, improve energy resilience and accelerate fleet electrification.

UP TO 1MWH STORAGE | UP TO 400KW CHARGING | DEPLOY IN HOURS

THE SIMPLE VERSION

WHAT IS A CHARGE QUBE?



Charge Qube is a Battery Energy Storage System with a built-in high-power EV charging platform designed to solve one of the biggest barriers to electrification: limited grid capacity.

Instead of waiting months or years for expensive grid upgrades, Charge Qube enables energy storage, site resilience and high-power EV charging from existing electrical infrastructure.

Available in capacities from 160kWh to 1MWh, Charge Qube can be deployed in hours and scaled as operational requirements grow.



STORES ENERGY

Store low-cost electricity and use it when demand is highest.



ENABLES EV CHARGING

Deliver AC and DC charging where the grid cannot.



DEPLOYS FAST

Operational within hours, not months or years.

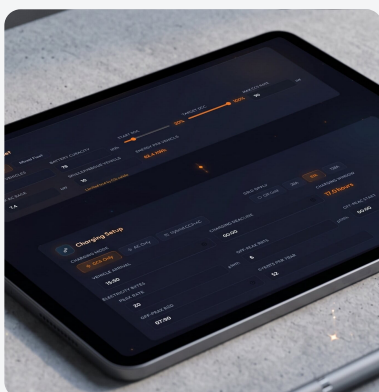
£2.40

per charge.

Charge at motorway speed, pay home charging rate.

Recharge a Charge Qube overnight from as little as £24, enough for up to 10 EV charges.

*Estimated figures based on reduced overnight electricity tariffs and typical charging assumptions.



BUILD A BUSINESS CASE BEFORE YOU BUY

Every Charge Qube project is supported by our suite of planning tools, including:

- ✓ ROI Calculator
- ✓ Energy Arbitrage Calculator
- ✓ Fleet Charging Cost Comparison
- ✓ Grid Constraint Assessment
- ✓ Site Electrification Planning Tools

HOW IT WORKS

UP AND RUNNING IN HOURS.



1

DELIVERY

We handle every step of transport and on-site placement. Your Charge Qube arrives in position and ready to operate.

2

CONNECT

Plug into your existing 32A, 63A or 125A supply. Our engineers commission and configure the system in under two hours.

3

POWER

Start charging vehicles and storing energy immediately. Monitor everything remotely from the Charge Qube dashboard.

MORE THAN HARDWARE

Every Charge Qube deployment includes site assessment, deployment planning, commissioning, monitoring and ongoing support.

WHY CHARGE QUBE

POWER WITHOUT THE INFRASTRUCTURE HEADACHE.



AVOID GRID UPGRADES

Deploy high-power charging without major network reinforcement.



LOWER CHARGING COSTS

Store low-cost electricity and charge vehicles when it makes financial sense.

Charge at motorway speed, pay home charging rate.



ZERO LOCAL EMISSIONS

Clean, silent power with no fumes and no noise. Ideal for cities, events and indoors.



SCALE AS YOU GROW

From 160kWh to 1MWh+, expand capacity alongside fleet growth.



BRITISH DESIGNED & MADE

Engineered, assembled and serviced in Britain, with UK-developed control software.



REMOTE MONITORING

Track energy, charging and performance live from the Charge Qube EMS dashboard.



FLEXIBLE SOURCING & UK SUPPORT

UK fleet focus with UK-based technical support. Supplying best-in-class products and continuously innovating to stay ahead of the competition.

THE BUSINESS CASE

WHY CUSTOMERS CHOOSE CHARGE QUBE.

Organisations don't buy battery storage. They buy solutions to grid constraints, charging delays, infrastructure costs and operational risk. Charge Qube helps organisations electrify faster, with less disruption and lower upfront investment.

AVOID £100K+ GRID UPGRADES

Traditional grid reinforcement projects can take months or even years to complete and often require significant capital investment.

Charge Qube delivers high-power EV charging and energy storage from existing electrical infrastructure, helping organisations defer, reduce or eliminate costly grid upgrades.

Use existing site power. Deploy charging sooner.

DEPLOY IN HOURS, NOT YEARS

Utility upgrades, planning approvals and infrastructure projects often delay fleet electrification.

Charge Qube typically does not require planning permission, arrives pre-configured and can be commissioned in hours, helping organisations start charging vehicles immediately while long-term infrastructure plans are developed.

Avoid the grid queue.

LOWER CHARGING COSTS

Charge Qube can store electricity when tariffs are low and deliver energy when demand is highest.

Combined with intelligent energy management, this helps reduce charging costs and improve operational efficiency.

Supported by our [Energy Arbitrage Calculator](#) and [ROI modelling tools](#).

SCALE AS YOUR FLEET GROWS

Start with a single Charge Qube and expand capacity as vehicle numbers increase.

Available from 160kWh to 1MWh+, Charge Qube provides a flexible path to electrification without committing to oversized infrastructure from day one.

From fleet electrification to critical energy infrastructure.

EVERY PROJECT INCLUDES ACCESS TO

- ✓ ROI Calculator
- ✓ Energy Arbitrage Calculator
- ✓ Fleet Charging Cost Comparison
- ✓ Site Electrification Planning
- ✓ Grid Constraint Assessment
- ✓ Charging Infrastructure Design Support

Helping customers build a robust business case before investment.



REAL-WORLD VALIDATION

"As we electrify our fleet, our biggest challenge isn't the vehicles, it's grid capacity at our sites. Charge Qube gives us reliable, high-power charging without the lengthy delays and costs of major grid upgrades."

Martin Hunt — Director, Estates, Facilities & Net Zero, NHS Blood and Transplant

THE RANGE

ONE PLATFORM. THREE SIZES.



COMPACT BESS · TWIN CCS

CO160

Compact battery storage and EV charging for smaller depots, workshops and constrained sites.

Capacity Up to **160kWh**
Charging Up to 250kW CCS
Deploy < 2 hrs



10FT ISO · FULL EMS

CO450

The proven fleet electrification platform, combining battery storage, rapid charging and energy management in a deployable 10ft package.

Capacity Up to **450kWh**
Charging 400kW CCS
Deploy < 2 hrs



20FT ISO · HYBRID

CO1000

Utility-scale battery storage and charging infrastructure for large fleets, industrial operations, data centre support and energy resilience projects.

Capacity Up to **1MWh**
Charging 400kW CCS
Deploy < 2 hrs

ONE PLATFORM. MULTIPLE APPLICATIONS.

Fleet charging · Energy resilience · Peak shaving · Energy arbitrage
Temporary power · Off-grid charging · Grid support

SPECIFICATION	CO160	CO450	CO1000
Format	Compact · Grid-friendly	10ft ISO container	20ft ISO hybrid
Energy capacity	Up to 160kWh	Up to 450kWh	Up to 1,000kWh
Charging	Twin CCS 150kW + 100kW (250kW combined)	Up to 400kW Twin CCS + AC	Up to 400kW Twin CCS + AC
Power in / out	400V 3-phase, 16A / 32A / 63A	63A, 3-phase	63A, 3-phase
Battery	LFP	NMC	NMC
Deploy time	< 2 hours	< 2 hours	< 2 hours
Safety	BMS + thermal	BMS, thermal + fire	BMS, thermal + fire
On-site emissions	Zero	Zero	Zero

THE RANGE · 01 · COMPACT

SMALL FOOTPRINT · HIGH POWER

CQ160

CQ
RAPID CHARGING



Designed for organisations that need fast charging without committing to major infrastructure projects. The CQ160 provides a compact, deployable solution for workshops, satellite depots, local authority sites and SME fleets.

160_{HWH}

TOTAL CAPACITY (LFP)

250_{HW}

COMBINED CCS OUTPUT

7-9_{EVS}

VEHICLES PER DAY

COMPACT FOOTPRINT

Integrated battery storage and high-power charging in a space-efficient design, ideal for constrained sites.

GRID CONSTRAINT SOLUTION

Deliver up to 250kW DC charging from limited grid connections, avoiding costly infrastructure upgrades.

RAPID DEPLOYMENT

Installed and operational in weeks, helping organisations accelerate electrification without waiting for network reinforcement.

IDEAL FOR Fleet depots · Commercial sites · Public sector facilities

THE RANGE · 02 · CORE

10FT ISO · FULL EMS

CQ450



The backbone of mobile electrification. The CQ450 combines scalable containerised storage with integrated CCS ultra-rapid charging and full energy management. Your core platform for fleets and sites.

450_{HWH}

TOTAL CAPACITY

400_{HW}

CCS RAPID CHARGE

10_{EVs}

VEHICLES SERVED

PROVEN DEPLOYMENT MODEL

Successfully deployed across public and commercial sector applications.

UP TO 450_{HWH}, SCALABLE

Connect units in parallel for depot-scale capacity, from mid-size fleets to large commercial operations.

FLEET CHARGING

Supports simultaneous AC and DC charging for up to 10 vehicles, helping fleets maximise uptime and operational flexibility.

IDEAL FOR Fleet depots · Forecourts · Logistics hubs · Grid support

THE RANGE · 03 · HYBRID

20FT ISO · GENERATOR-READY

CQ1000



The CQ1000 combines large-scale battery storage, charging infrastructure and energy management into a single deployable platform. Designed for industrial sites, critical infrastructure, off-grid operations and large fleets.

1MWH

TOTAL CAPACITY

400kW

CCS RAPID CHARGE

100%

OFF-GRID CAPABLE

ENERGY RESILIENCE

Reduce exposure to power constraints and outages.

RENEWABLE INTEGRATION

Store and optimise energy from solar and other renewable sources.

OFF-GRID CAPABILITY

Deliver charging and power in locations where grid connections are unavailable or impractical.

IDEAL FOR Grid expansion · Data centre · Disaster relief · Large fleets · Off-grid sites

WHERE IT'S USED

SOLVING POWER CHALLENGES ACROSS EVERY SECTOR.



FLEET & DEPOT ELECTRIFICATION

Charge fleets today without waiting for major grid reinforcement, with up to 400kW at depots, logistics hubs and fleet sites.



TEMPORARY SITES

From festivals to construction sites, delivering clean, silent power with no diesel, no fumes and no noise.



RETAIL, FORECOURTS & COMMERCIAL PROPERTY

Unlock EV charging where grid capacity limits expansion. Ideal for leased sites and commercial tenants seeking charging infrastructure without major investment in permanent grid upgrades.



PUBLIC SECTOR & EMERGENCY SERVICES

Support critical operations with resilient energy storage and EV charging. Maintain CCS rapid charging capability for emergency and blue-light fleets during power outages.

SUPPORTING ORGANISATIONS ELECTRIFYING TODAY

NHS Blood and Transplant · Jaguar Land Rover · Local Authorities · Fleet Operators · Leasing Companies · CPOs · Commercial Property Operators

FELLTEN
BUILT FOR A CLEANER FUTURE

POWER THAT DELIVERS MORE THAN CHARGING.



- Reduce infrastructure costs. Avoid expensive and lengthy grid upgrades.
- Accelerate fleet electrification. Deploy charging infrastructure in hours, not years.
- Lower energy costs. Take advantage of off-peak tariffs and energy arbitrage opportunities.
- Future-proof operations. Scale charging and energy storage as requirements evolve.

BATTERY & SOFTWARE KNOW-HOW

Charge Qube is backed by a team with deep expertise in EV batteries, charging systems and energy management software. Continuous product development ensures customers benefit from the latest innovations in charging and energy storage.

PLANNING TOOLS INCLUDED

Every project is supported by:

- ROI Calculator
- Energy Arbitrage Calculator
- Fleet Charging Cost Comparison
- Site Assessment Tools
- Charging Infrastructure Planning Support

LET'S TALK POWER.

See which Charge Qube fits your operation and get a tailored recommendation today.

GET IN TOUCH

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