

A construction site under a clear blue sky with several yellow tower cranes. In the foreground, two large, modular battery storage units are parked on a dirt surface. The units are white with orange and blue panels. The unit on the right is labeled 'ALLYE MAX1500' and has a charging cable plugged into it. The unit on the left is labeled 'ALLYE MAX500'.

ALLYE

MAX BATTERY ENERGY STORAGE

Stuck waiting years for a grid connection?
Still burning diesel on site?

Power where the grid falls short

On-grid or off-grid, one system built from
EV batteries.

328kWh to 1.5MWh

Up to 1.28MW EV charging

Built in Britain

Swipe →

WHAT IT IS

What is MAX?

Battery energy storage built from automotive packs retired from EV fleets. It boosts a constrained grid connection, replaces or works alongside a diesel generator, and charges electric vehicles. The same unit does all three, and moves with you.



1.5MWh

per unit, from a towable trailer up to a 20ft container.

1.28MW

of integrated DC charging for vans, trucks, buses and plant.

59dB

near-silent, for night work, city centres and neighbours.

12 years

of battery life, with every cell monitored 24/7.

HOW IT WORKS

One system, two ways to work



On-grid

Battery as a buffer

- 1 **Charge** off-peak or from on-site solar
- 2 **Boost** power at peaks, beyond your connection limit
- 3 **Protect** the site, switching in under 40ms

More power from the connection you have, no upgrade.



Off-grid

Battery as a generator

- 1 **Charge** from a DC charger, another MAX or a generator
- 2 **Power** the site quietly, with zero local emissions
- 3 **Top up** with a generator only when needed

Less diesel or none, with the generator off most of the time.

THE RANGE

Sized to your site



MAX300 TOW AND GO

328kWh 280kW

Under 3.5t on its trailer, fits a parking bay



MAX500 LIFT INTO PLACE

492kWh 420kW

Compact 10ft footprint



MAX1000 DROP AND GO

1MWh 840kW

Off a hooklift truck in under two minutes



MAX1500 DROP AND GO

1.5MWh 1.26MW

Our highest power, in a 20ft footprint

Every MAX works on-grid and off-grid, with integrated DC charging as an option. Buy, lease or hire.

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WHO USES MAX

Already working where the grid falls short



SITE RESILIENCE, ENGLAND

Roadchef

Peak support keeps it under its 315A limit: £120k saved in year one



FLEET CHARGING, SCOTLAND

J&M Murdoch

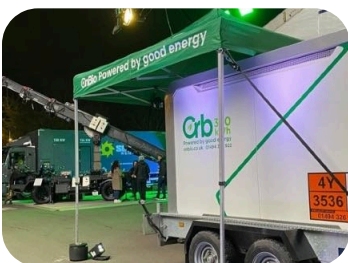
DC fast charging from a 32A supply, deferring a £300k grid upgrade



CONSTRUCTION, ENGLAND

Collins Earthworks

Charging electric trucks from a 125A supply, saving £2,500 a week



FILM AND TV

OnBio

Near-silent power on set and on location, from base camp to lighting



UTILITIES

SSEN

Powering 40 homes from a substation in place of a diesel generator

SPOTLIGHT



Lower Thames Crossing, the UK's flagship low-carbon infrastructure project

Four MAX500s charge electric excavators on site with 240kW DC fast charging and no grid connection, delivered through SiteCharge for the Bouygues Murphy JV.

>£30k saved per week in diesel and generator costs

"The MAX500 can easily be run by users on the ground and not cause headaches. The Allye team is always on the end of the phone."

Carl Langwood, Bouygues Murphy JV

WHY MAX

More than a battery in a box

-  **On-grid and off-grid in one**
Most batteries do one or the other. MAX does both.
-  **Charging built in, up to 1.28MW**
No separate chargers, no grid upgrade.
-  **Recharge with zero diesel**
Top up from any DC fast charger or another MAX.
-  **No pad, fencing or crane**
Tow, lift or drop it in, and it runs in minutes.
-  **Transport made simple**
Classified UN3536: a plate and label, not full ADR.
-  **Safe and supported**
CE and UKCA marked, and monitored 24/7 from the UK.

TRUSTED BY

JLR

e-on

roadchef

Collins

CnBio

ALLYE

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NEXT STEP

See what MAX could do for your site

Send us your supply and loads. We'll size the system and model the cost, fuel and CO₂ savings before you commit.

ASK FOR

- 1 The full MAX brochure, with business cases for your sector
- 2 A free site model: sizing, payback and CO₂
- 3 A call with our engineering team

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allye.com

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