PRODUCT
BROCHURE

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GivEnergy ®

Contents

Introduction

Join the **clean energy revolution**

Cut your costs with smart green energy solutions. With GivEnergy technology, you can power your home or business cheaply and sustainably.

When you use a product from the GivEnergy range, you're getting a premium energy management solution at an accessible price.

Our range includes:

Inverters
The brains of your system, connecting renewables, batteries, the grid, and the home.
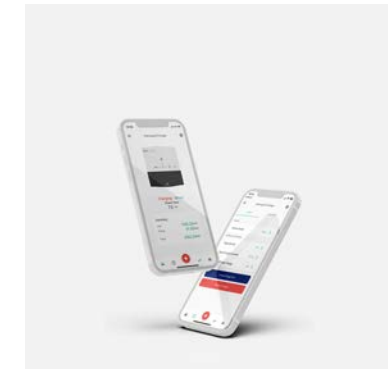
Battery storage systems
Your energy is stored here and discharged into the home and/or into your EV.

EV charger
This adaptive solution takes power from your preferred source – grid, renewable, or battery.

Energy management software
Track and manage your energy usage with a powerful web portal and app.

A host of supporting accessories
Dongles, and more – all designed to complement your system.

These products create an **end-to-end ecosystem** allowing you to manage your energy while **cutting your carbon emissions**.
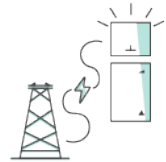
Run your home on battery power

With a GivEnergy system, you can run your home on sustainable battery power. Charge your home battery using renewables or off-peak grid rates. Then, use the stored energy to power your home cheaply and cleanly.

Drastically reduce your energy bills.
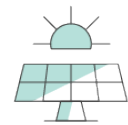
Cut your home's CO2 emissions.

Protect your energy supply from disruption.

Integrate with smart tariffs to continue cutting costs.

Enjoy cheap energy day and night.

Maximise your investment on renewables.

Become more resilient, and less grid-dependent.

Monitor and manage the flow of energy across your home.

Set custom automations using our API.

Products

Inverters

What is an inverter?

A GivEnergy inverter acts ast the brain of your system, seamlessly connects your solar PV, storage battery, and home. It will:

- Convert current from DC to AC

- Communicate between your various components and the grid

- Feed in data to your energy management software

- Maximise power output

- Optimally manage the flow of power

Which inverter do you need?

We offer two types of inverters:
AC coupled inverter, and **hybrid inverter**.

The best product choice depends on your project and existing setup.

AC coupled

Best for:

- Homes with an existing solar setup

- Homes using a battery only – no renewables

- Homes using wind or hydro power

Hybrid inverter

Best for:

- Homes using a battery only, considering renewables in future

- Homes starting a new solar project

AC coupled inverter

Upgrade your renewable installation. An AC coupled inverter is ideal for adding energy storage capacity to a renewable installations, helping you maximise your investment.

Versatile

Works with retrofits, new solar projects, and standalone batteries alike.

Co-operative

No changes required to either your solar panels or any Feed in Tariffs.

Scalable

Expand your setup as needed. You can even support a microgrid or 3-phase system.

Smart

Your system knows when to store and release energy for the best rates and returns.

Fine-crafted

Compact, lightweight, stylish, and able to live indoors or outdoors.

Clean

Your system is designed to minimise energy import and export for grid-neutrality.

Technical specifications

AC coupled

- 3000W nominal AC output power

- 13A max. output current

- IP65 rating

- Dimensions 223D x 260H x 480W (mm)

- 12-year warranty

Hybrid inverter

Just setting out on your renewable energy journey? A **hybrid inverter** will help you get the most from your system – for maximum energy **efficiency**, and maximum **savings**.

Affordable
We make clean energy accessible to all. Get a premium inverter, for a great price.

Robust
With water and dust resistance, our hybrid inverter is built to withstand the weather.

Sleek
Electronic equipment needn't look ugly. Enjoy sleek, compact design.

Efficient
Meet the energy needs of the modern home, with discharge rates of up to 11kW.

Safe
Your hybrid inverter offers every protection to keep your home safe.

Connected
In-built WiFi and LAN offer you a hard-wired network connection.

Technical specifications

Our single-phase hybrid inverter range

Perfect for the typical household loads such as lighting and heating.

3.6kW
7.5kWp max. DC power
3600W nominal AC output power
IP65 rating
Dimensions 410H x 210D x 480W (mm)

5.0kW
7.5kWp max. DC power
5000W nominal AC output power
IP65 rating
Dimensions 588H x 214D x 480W (mm)

Our three-phase hybrid inverter range

Perfect for buildings that need more power to run machines, motors, etc.

6kW
9kWp max. DC power
6000W nominal AC output power
IP65 rating
Dimensions 658H x 214D x 480W (mm)

8kW
12kWp max. DC power
8000W nominal AC output power
IP65 rating
Dimensions 658H x 214D x 480W (mm)

10kW
15kWp max. DC power
10000W nominal AC output power
IP65 rating
Dimensions 658H x 214D x 480W (mm)

11kW
15kWp max. DC power
11000W nominal AC output power
IP65 rating
Dimensions 658H x 214D x 480W (mm)

Please note: *all stats represent our latest generation of products. For stats regarding previous generations, please visit our website.*

Batteries

What is a home battery?

A home battery stores up a supply of clean, usable energy for your home. It can take power from a generation source – such as solar, wind, or hydro – or from the grid, using off-peak overnight tariffs. In this way, it can help you to save up to 85% on your energy bills.

Our battery storage technology

Powerful

Your battery is made of high-capacity, energy-dense cells.

Safe

LiFePO4 technology makes our batteries the safest available.

Sustainable

Fully recyclable, non-flammable, and non-toxic.

Heavy-duty

Up to 100% depth of discharge unlocks the battery's full capacity.

Lasting

Tough enough to power unlimited cycles over 12 years.

Durable

Designed for minimal heat build-up, maximum longevity.

Efficient

Prismatic – not soft pouch – cells deliver ultimate efficiency.

Ethical

Ethically sourced and cobalt-free.

Economical

Round trip efficiency of 93% means superior energy retention.

Sophisticated

Individual monitoring and balancing of each and every cell.

Which home battery do you need?

Our home batteries come with multiple power capacities, to meet the needs of any customer. Your installer will be able to recommend the product you need after chatting more about your property and your energy-saving goals.

Giv-Bat 2.6

The perfect starter battery for small homes.

- 2.6kWh / 51Ah capacity
- 80% depth of discharge
- IP65 rating
- Dimensions 299H x 205D x 480W (mm)
- 12-year warranty

Giv-Bat 5.2

A compact battery with increased power.

- 5.2 kWh / 102 Ah capacity
- 80% depth of discharge
- IP65 rating
- Dimensions 515H X 223D x 480W (mm)
- 12-year warranty

Giv-Bat 9.5

Our most powerful single home battery, with 100% DoD.

- 9.5 kWh / 186 Ah capacity
- 100% depth of discharge
- IP65 rating
- Dimensions 800H X 242D x 480W (mm)
- 12-year warranty

All in One

A battery and inverter in one integrated product.

- 6000W nominal AC output power
- 7.2kW @ 10s, 6.5kW @ 30s peak power
- IP65 rating
- Dimensions 1100H x 600W x 280D (mm)
- 12-year warranty

Stackable battery

Create the desired power capacity with a stacked setup.

- 3.4kWh per battery pack
- 10.2kWh - 20.4kWh per stack
- 3-6 batteries can be used per stack
- IP65 rating
- 12-year warranty

All in One

Our ground-breaking battery and inverter technologies, in one integrated product.
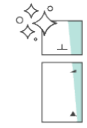
Giv-Gateway

A companion backup gateway to protect your supply and keep you running during power cuts.
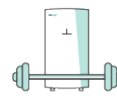
All in One

Power your home for a fraction of the cost. Introducing the ultimate in smart energy management: the All-in-One.

Sleek

Streamlined, compact, and easy to install.

Powerful

Provides enough power to run even the most high demand devices.

Affordable

Outstanding quality performance, at an accessible price point.

An energy titan

The All in One may come in a convenient size, but it packs a major energy punch.

- **13.5 kWh** capacity as standard – from a single battery

- Connect up to 6 systems in parallel and achieve **80 kWh** of useable energy storage

- Ability to deliver an enormous **18.4 kW** of power into your home

Technical specifications

All in One

A one of its kind home battery and inverter – unrivalled for power and price point. Primarily working as an on grid system, the All in One can deliver 7.2kW of peak power into the home on top of any solar generation.

- 6000W nominal AC output power
- 7.2kW @ 10s, 6.5kW @ 30s peak power
- IP65 rating
- Dimensions 1100H x 280D x 600W (mm)
- 12-year warranty

Giv-Gateway

A companion gateway enabling seamless switching between grid and battery, keeping you powered during outages. The Giv-Gateway also facilitates a connection point for solar PV systems, allowing continued energy generation even without a grid supply.

- 18400W nominal AC power
- Grid services ready
- Pre-installed energy meter
- Built-in LoRa
- 20ms switchover time
- Dimensions 410H x 370W x 190D (mm)
- 12-year warranty

EV charger

An EV charger that ticks all the boxes

Compact

Sleek, compact design allows installation in confined spaces.

Durable

Tough enough to live indoors or outdoors – rain or shine.

Future-proofed

Primed to charge from renewables, and compatible with most EVs.

Effortless

Quick, easy installation plus rapid plug-and-go charging.

Smart

WiFi integrated, app-controlled, and data-rich.

Accessible

Affordably priced, to make clean electric charging accessible to all.

The EV charger with safety built-in

Protected

Integrated PEN fault protection – no earthing rod required.
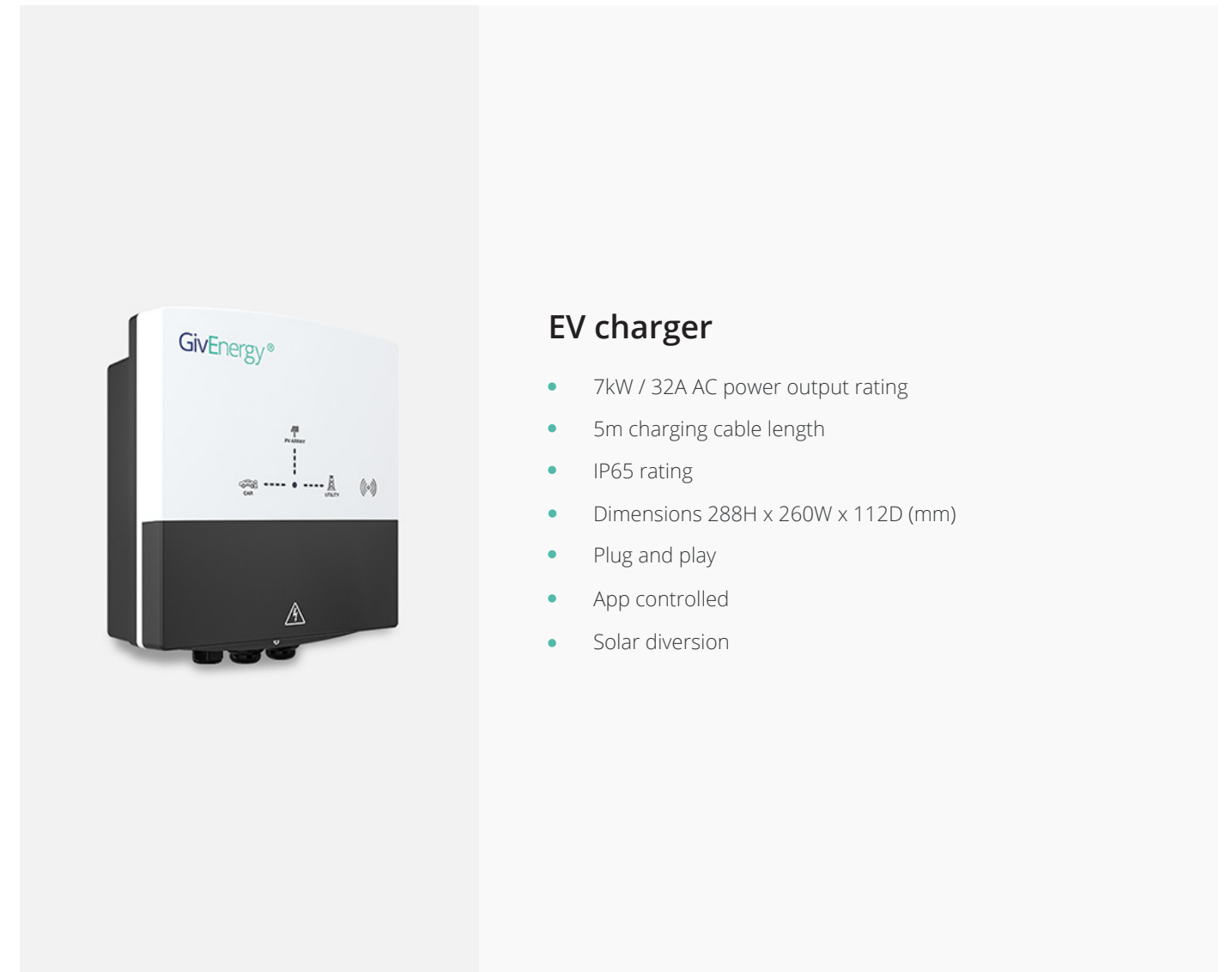
Access-controlled

Use an RFID card to prevent unauthorised access to your EV charger.

Safe

Safety features such as over-current, over-voltage, and short-circuit protection.

Technical specifications

EV charger

- 7kW / 32A AC power output rating
- 5m charging cable length
- IP65 rating
- Dimensions 288H x 260W x 112D (mm)
- Plug and play
- App controlled
- Solar diversion

Accessories

Inverter dongles

WiFi
Connect your devices to the internet for seamless interaction. Effortlessly update your firmware over-the-air.

4G
Our SIM-enabled dongles allow connection using 4G, 3G, and GPRS. Suitable for social housing providers or wherever Wi-Fi isn't available.

Using a GivEnergy inverter without Wi-Fi built-in? In this case, our dongles are supplied as part of our standard packages. These give your devices internet access, for smart integration and data sharing.

- Digital monitoring through app and portal
- IP65 rated
- Easy configuration before install
- Real-time monitoring when used with the app
- Monitoring points every 5 minutes
- Built-in flash memory
- Flexible data allowances available

Meters

Our metering solutions are another standard part of your GivEnergy package. These collect data to display energy values and provide monitoring points for our system.

GEM120CT

- Bi-directional energy measurement
- Direct/split CT connection
- LCD display with clear backlight
- MID approved meter
- Accuracy class 1 according to IEC62053-21
- EEPROM memory
- Added together to monitor various loads in the home
- 100A maximum current on single phase operation

DC Isolator

A DC isolator switch comes rolled in as a standard part of your GivEnergy system. This electrical safety device protects your system.

- Double pole breaker
- Load protection
- Overload protection
- Nominal volts at 80V and 100A current rating
- Provides scientific arc extinguishing and flash barrier technology to give safe current interruption

Software

Digital tools to continually drive savings

Buying a GivEnergy solution? Alongside our best-in-class technology, we also offer best-in-class software.

GivEnergy portal

Our monitoring portal allows you to remotely manage your system via a clean, easy-to-use interface. Get complete control, up-to-the-minute visibility, and granular data insights.

GivEnergy app

A lighter-weight companion to our powerful monitoring portal, the GivEnergy app is built for quick, easy access to your system on the move.

Works with your...

Inverter
Get power stats and explore how much energy is going in and out of the home.

EV charger
Manage your charge point and display the latest information about your EV.

Home battery
Monitor state of charge, battery health, and throughput.

Generation source
Keep tabs on the energy generated from solar, wind, or hydro.

Home
Visibility on the overall energy consumption of your home.

Alexa
Ask Alexa for power updates and ask her to turn app-connected devices on/off.

Smart tariff
Built to work perfectly with smart tariffs and off-peak tariffs.

Grid usage
Track how much energy you're importing and exporting via the grid.

GivEnergy portal

Exercise full control over your energy usage. The GivEnergy
portal allows you to monitor, manage, and analyse your system
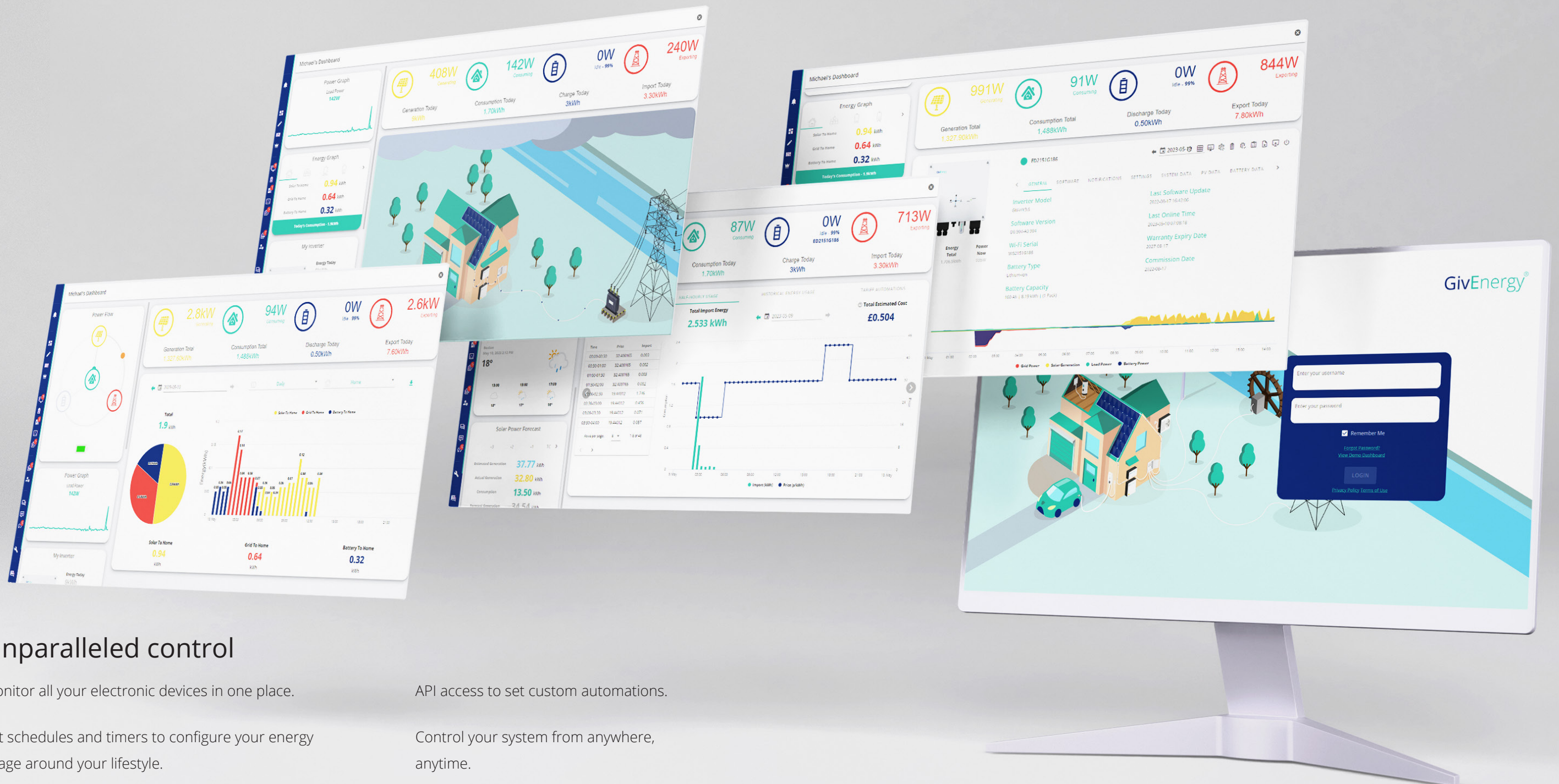in the cloud, making energy management easy.

Unparalleled data access

Customisable dashboard unique to
you and your setup.

Easy to use, remotely updated, and
free forever.

Quick information as well as detailed
power values.

Graphs displaying your power usage
and energy usage.

Unparalleled control

Monitor all your electronic devices in one place.

Set schedules and timers to configure your energy
usage around your lifestyle.

API access to set custom automations.

Control your system from anywhere,
anytime.

GivEnergy app

Exercise full control over your energy usage. The GivEnergy portal allows you to monitor, manage, and analyse your system in the cloud, making energy management easy.

Your power, in your hands

- Grab basic information about your home energy demand, solar PV generation, and grid import energy
- Perform simple actions based on where the day is taking you
- Continually save and optimise

Free download

- Download from Google Play or the App Store
- Moves with you – whether you're using your Android smartphone, iPhone, or Apple Watch
- Updated bi-monthly by a dedicated development team to continually improve your experience

GET IT ON
Google Play

Download on the
App Store

About Us

Who are we?

GivEnergy is one the largest manufacturers of residential and commercial battery storage systems. Our services allow customers to take control of – and save money on – their energy spend end-to-end.

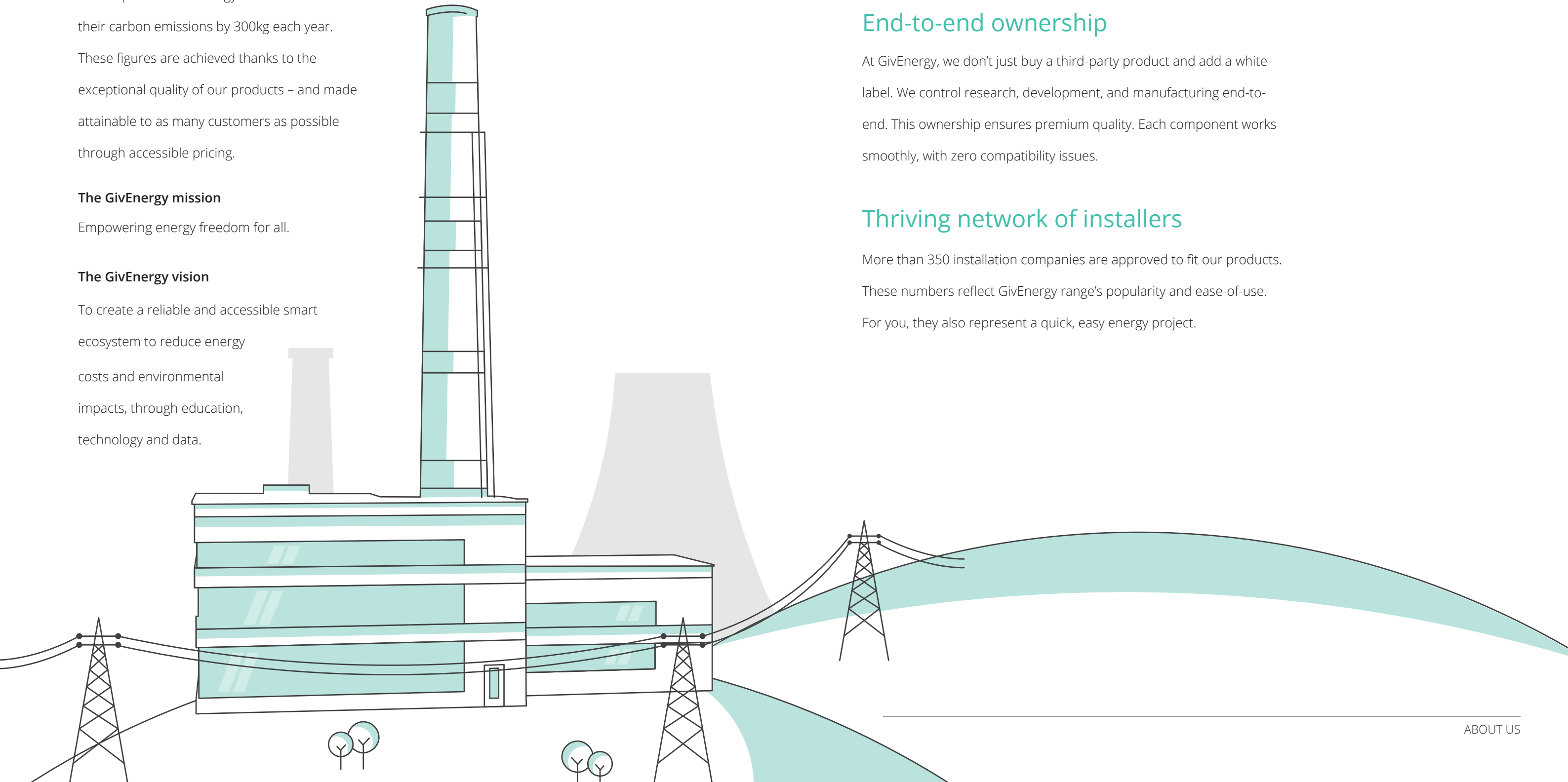For example, the average GivEnergy customer saves up to 85% on energy bills and reduces their carbon emissions by 300kg each year. These figures are achieved thanks to the exceptional quality of our products – and made attainable to as many customers as possible through accessible pricing.

The GivEnergy mission

Empowering energy freedom for all.

The GivEnergy vision

To create a reliable and accessible smart ecosystem to reduce energy costs and environmental impacts, through education, technology and data.

Why work with us?

Expert, friendly support

Need help? We've got you covered. Our technicians are always just a call away, and we have field engineers are primed to step in as needed. You're working with a global company that's with you every step of the way.

End-to-end ownership

At GivEnergy, we don't just buy a third-party product and add a white label. We control research, development, and manufacturing end-to-end. This ownership ensures premium quality. Each component works smoothly, with zero compatibility issues.

Thriving network of installers

More than 350 installation companies are approved to fit our products. These numbers reflect GivEnergy range's popularity and ease-of-use. For you, they also represent a quick, easy energy project.

What our customers are saying

> Combined with the smart meter, Octopus provider and the apps, it works great. Seeing big savings already on the bills.

C. Robinson

Commercial

Looking for commercial battery storage? In addition to our range of home energy solutions, we also offer commercial solutions from 64kWh to grid scale multi MWh.

For **more information** or to get a **quote**, email our team: **info@givenergy.com.**

> I looked at other manufacturers but GivEnergy ticked more boxes than any of them. My system has been pretty much faultless since installation.

J. Eden-Green

> My install has been faultless. I wouldn't hesitate to choose GivEnergy again and would recommend them.

M. Dews

GivEnergy ®

Work with the best in the energy management business

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