

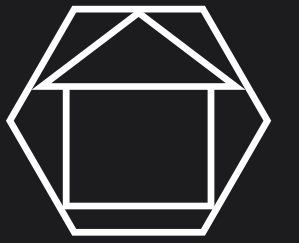


HELIOS VOLT®

Creating Powerful Spaces. Powering Change.

Smart solar infrastructure that turns underutilised space into clean energy and long-term value.





Space is Limited. Opportunity Shouldn't Be.

Is your organisation under pressure to reduce energy costs, meet sustainability targets? Do you want to utilise your existing parking infrastructure?

Helios Volt® transforms car parks into high-performance renewable energy assets, unlocking clean energy generation without compromising operational space.

The Opportunity



Generate Clean Energy

Produce low-cost renewable electricity on-site.



Reduce Operating Costs

Low energy bills and protection against price volatility.



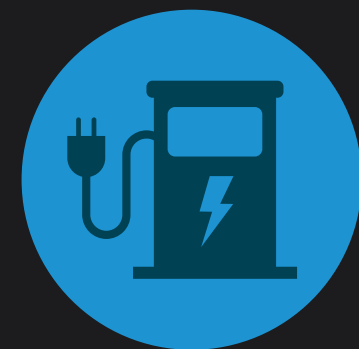
Cut Carbon Emissions

Make measurable progress towards Net Zero.



Improve Customer Experience

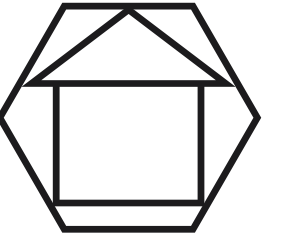
Provide shaded, weather protected parking.



Future Ready Infrastructure

EV charging and battery storage ready as standard.

Helios Volt® is more than a carport. It is intelligent energy infrastructure.



Engineered Differently. Built Better.

Helios Volt® is a proprietary solar carport, designed from the ground up for commercial and industrial environments.



Pure Bifacial Technology

Generates power on both sides of the panel for 35% additional yield.*

Factory Built Modules

Precision engineered off-site for consistent quality and faster installation.

Modular Design

Scalable and adaptable to suit and site layout or requirement.

Minimal Disruption

Quick installation with reduced impact on daily operations.

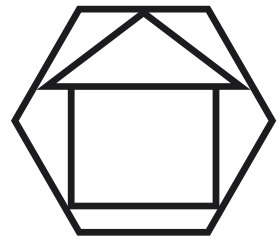
Behind-The-Meter Generation

Power your operations and increase energy independence.

Future Ready

Designed to integrate EV charging and battery storage.

*subject to individual site modelling

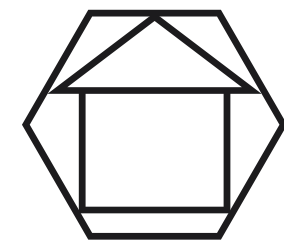


Helios Volt® Solar vs Standard Solar Carports

Smarter by design. Designed for today. Ready for tomorrow.

Helios Volt® re-imagines the solar carport with innovative engineering, premium materials and a purpose-built system that delivers more energy, more value and a superior experience for operators and users.

	Helios Volt® Solar Carports	Standard Solar Carports
 Energy Generation	 Up to 35% more energy: Pure bifacial solar panels capture sunlight on both sides, delivering significantly higher energy yield.	 Lower energy output: Most conventional carports use monofacial panels, capturing sunlight on one side only.
 Structural Design	 Engineered for efficiency: Proprietary steel design optimised for load, deflection and longevity with fewer materials.	 Heavier, less efficient structures: Traditional designs use more steel and materials, resulting in higher loads and more complex structures.
 System Architecture	 Modular and scalable: Modular system for fast deployment and easy scalability across single or multiple sites.	 Bespoke and harder to scale: Typically bespoke designs with longer lead times and limited scalability.
 Manufacturing	 Factory built precision: Off-site manufacturing ensures consistent quality, reduced on-site work and minimal disruption.	 Site built or heavily customised: Greater reliance on on-site fabrication and welding, leading to longer installation times and disruption.
 Functionality	 Designed for parking first: More parking clearance and optimised layouts that enhance usability and driver experience.	 Compromises on usability: Lower clearance and less thoughtful layouts can impact parking practicality and user experience.
 Durability	 Built to perform for decades: High quality materials with long term structural and 25 year warranty.	 Shorter or limited warranties: More exposed to corrosion and wear, with shorter warranty periods.
 Sustainability	 Lower embodied carbon: Optimised design and off-site manufacturing reducing materials and carbon footprint.	 Higher embodied carbon: More materials, heavier structures and more on-site work result in a larger footprint.
 Future Integration	 Future ready by design: Engineered to integrate seamlessly with EV charging, battery storage and energy management systems.	 Limited integration capability: Often require additional retrofitting and structural upgrades to support future technologies.



Pure Bifacial PV Carports

The most powerful and progressive solar PV parking canopy



MSR Multi Storey Roof

Structurally engineered solution specially designed to be integrated into the existing MSCP structure. Our engineers, will assess existing structure and perform load calculations to provide a bespoke fixing design.

Low Pass Height 2.2m
Minimum 4 Parking Bay Width
Angle of Tilt 7° to 10°



FS Free Standing Self-Ballasted

Pre-cast Kentledge reinforced concrete base, with cast in anchors to secure canopy structure, a perfect solution for dynamic estates. It can be demounted and moved to another zone on-site or to a new location altogether.

Low Pass Height 2.2m
Minimum 8 Parking Bay Width
Angle of Tilt 7° to 10°



PF Permanent Foundation

Structurally engineered to suit existing ground and weather conditions, each galvanised steel column requires below ground reinforced concrete foundation.

Low Pass Height 2.2m
Minimum 4 Parking Bay Width
Angle of Tilt 7° to 10°

ADD ONS

HELIOS eco wall™

Biodiversity-enhancing walls supporting wildlife, reducing urban pollutants, and adding visual impact.

HELIOS HELI AD™

Smart digital advertising, tailored content, energy efficiency, audience targeting, engagement.

HELIOS LIGHT™

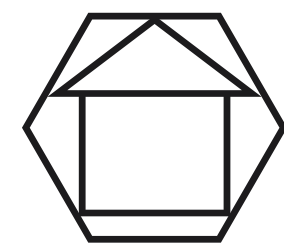
Smart parking lighting identifies availability, signals occupancy, and provides adaptive illumination.

HELIOS HYPER DRIVE™

Superfast EV charging, intelligent energy management, flexible payments, off-grid capability.

HELIOS HYPER DOCK™

Modular rapid deployment distributed for EV charging super hubs.



Flexible Funding To Accelerate Your Energy Transition

Through our trusted funding partners, CrowdHouse Energy provides flexible commercial solutions across the public and private sectors. We structure funding around your needs, ensuring the right commercial model for your organisation and your project.



CapEx

Own it.
Maximise the return.

- Upfront investment with full ownership from day one
- Best suited to organisations seeking maximum long-term financial return
- Retain 100% energy savings generated by the system



Hire Purchase

Spread the cost.
Keep the upside.

- Zero cost up front. Fixed term monthly installments
- Preserve working capital with cashflow positive repayments
- Ownership transfers at the end of the agreement



PPA

No CapEx.
Lower-cost clean energy.

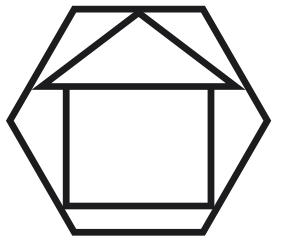
- No upfront capital investment
- Purchase renewable electricity generated for agreed rate below grid cost
- Immediate energy and carbon savings

FUNDING PARTNERS



Working with trusted funding partners enables us to deliver flexible commercial structures for organisations across the public and private sectors.

Whatever your financial strategy we can help identify the funding model that delivers the strongest commercial outcome.

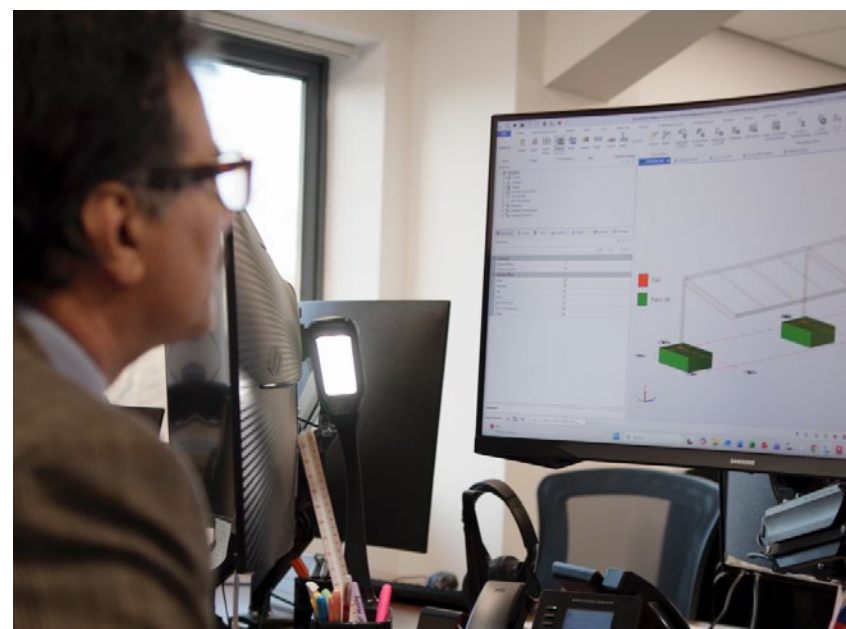


CrowdHouse Energy

Powering a Net Zero Future

CrowdHouse Energy partners with commercial, industrial and public sector organisations to unlock the full potential.

Our approach combines engineering expertise, innovative technology and commercial insight to create renewable energy assets that work harder for our clients.



Designed in the UK

Developed in the UK for UK conditions and built to last.



Engineering Excellence

Innovative design backed by deep technical expertise.



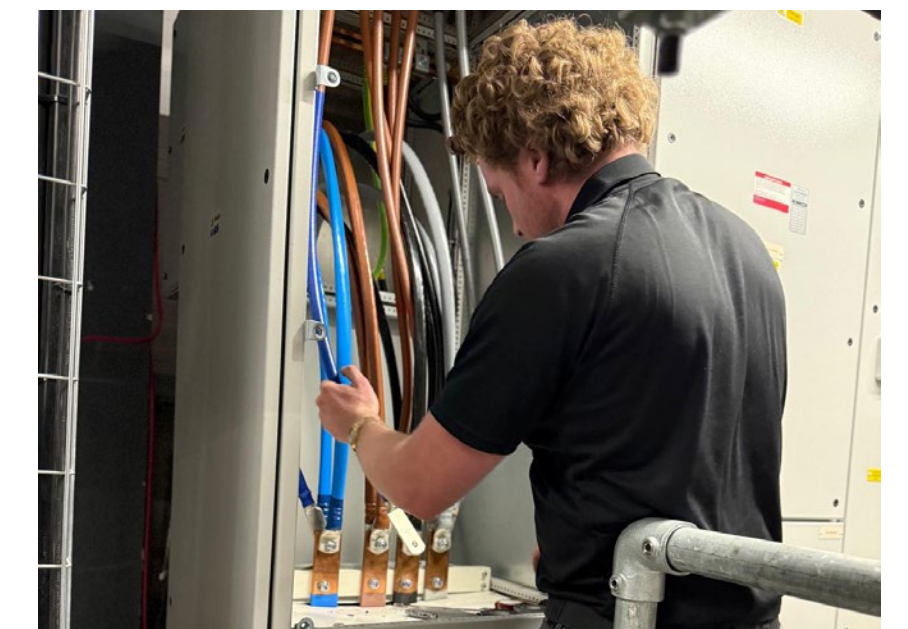
In-House Manufacturing

Quality controlled, factory-built modules ensure speed and reliability,



End-to-End Delivery

We handle everything. From design and planning to installation and commissioning.



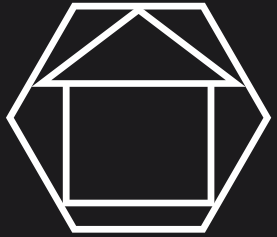
Ongoing Support

Comprehensive O&M packages maximising performance over time.

NEXT STEPS

Ask us about our
flexible funding options.

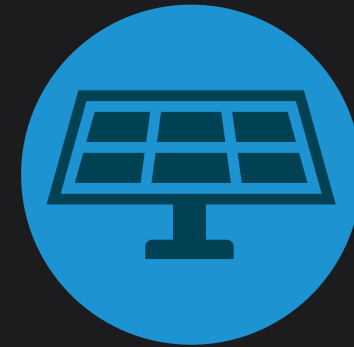
Discover how your organisation can
start generating clean energy with
little or no upfront investment.



Unlock the Potential of your Car Park. Power a Cleaner Future.

Partner with CrowdHouse Energy to create intelligent,
future-ready energy infrastructure.

Discover how Helios Volt® can deliver clean energy, lower costs
and long-term value for your organisation.



Energy Opportunity
Assessment

Technical
Feasibility

Commercial
Modelling

Full-Service
Delivery

Long-Term
Optimisation

Together we can build a cleaner, more resilient future

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