

Ecosmart

SAVE EMISSIONS TIME MONEY



An Ecosmart welfare unit to suit your site. No matter where.

**Hybrid
battery /
generator**
combination as
standard.

**Highly
efficient**
systems and
appliances.

**Wide
selection**
of sizes
and layouts
available.

Great choice
of upgrades to
improve even
further.



Proudly designed & built in the United Kingdom since 1964.

We have been designing & building high quality trailers since 1964. Since 2006 we have been focused on Welfare Units, driving innovation in the market using hybrid power systems and the newest technology. Each one of our products is designed to save fuel/emissions, be easy to use, be comfortable and reliable.

Our products are loved by end users, owners and fleet operators alike. Ecosmart models built before 2010 are still in daily operation today. Many thousands operate daily across the UK on large hire fleets, serving on projects of all sizes, from small building renovations to huge national infrastructure projects.

Following the huge success of the EasyCabin Ecosmart welfare unit, we scaled up the

power saving hybrid system to provide off-grid power to remote sites. The Solar Pod has now set a new standard for off-grid sites, proving that it can provide the same power with 50% less fuel.

We are developing our products all the time, looking at how to reduce fuel consumption and emissions even further. Hydrogen Fuel Cells, HVO compatible generators and lithium batteries are now available on our products.

We are focused on pushing our hybrid systems into new market sectors and designing new products to save fuel on sites world-wide.

Award winning products, moving into the future of site welfare.

2017: Green Apple Winners
Ecosmart Welfare Range

2018: Green Apple Winners
Ecosmart Solar Welfare Range

2018: Green World Winners
Ecosmart Welfare Range

2019: Green Apple Winners
Ecosmart ZERO Hydrogen Welfare range

2019: Green Apple Winners
Solar Pod Hybrid Site Power Supply

2020: Green Apple Winners
Solar Smart Site Hybrid Site Power Combination

2020: CSR Excellence Awards
Ecosmart ZERO Hydrogen Welfare range

2020: HAE Hire Industry Product of the Year
Ecosmart ZERO Hydrogen Welfare range

2021: CSR Excellence Awards
Charge Pod Tool Charging Station

2021: Green Apple Winners
Charge Pod Tool Charging Station

2022: Green Apple Winners
Ecostatic SolarMAX

2023: Green Apple Winners
e-smart 100% Electric Welfare Unit

2024: CSR Excellence Awards
e-smart 100% Electric Welfare Unit

2025: Green Apple Winners
Solar Smart Site with MV Kelly

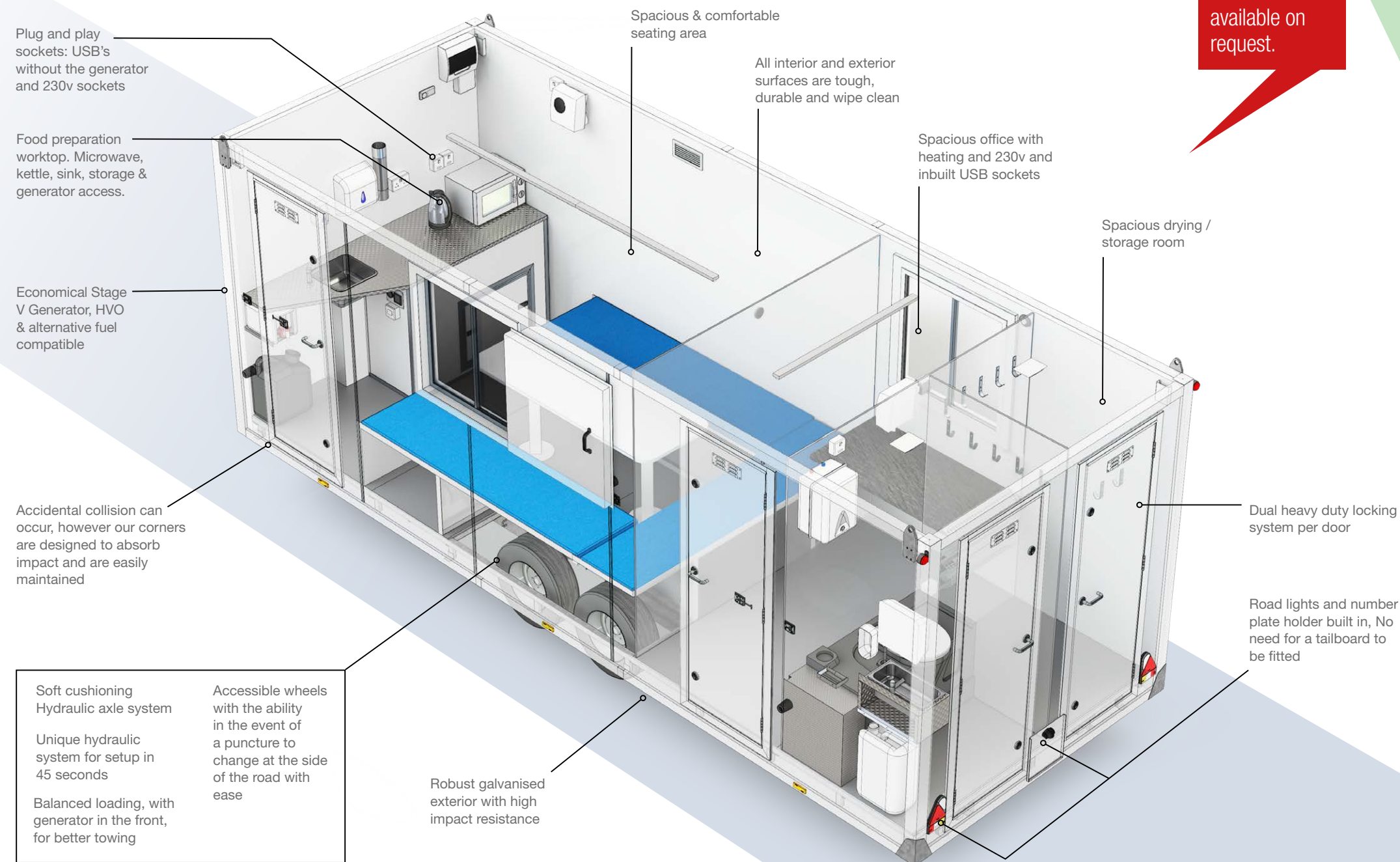
Our sustainable hybrid products are receiving a lot of attention. We have won many awards for our hybrid products. Our products have won a variety of awards for innovation, sustainability, corporate social responsibility, fuel saving & design. Owners of hire fleets have also won awards for running Ecosmart units across their operations.



WELFARE ANYWHERE



Key specifications. What makes a typical Ecosmart?



Welfare facilities in every unit

- ☐ Kettle
- ☐ Microwave
- ☐ Sink with running hot water
- ☐ Electric or Diesel Heating
- ☐ 230v Plug sockets
- ☐ USB charge sockets

- ☐ Towel & soap dispensers
- ☐ Waste & fresh water containers
- ☐ Comfortable bench seating
- ☐ System controls
- ☐ Breakers / Consumer unit
- ☐ LED low power PIR lighting

- ☐ Under-seat storage
- ☐ Stainless steel worktop
- ☐ Flush or chemical toilet
- ☐ Handwash sink
- ☐ Hot water heater
- ☐ Drying, Storage room

Optional

- ☐ 2x Kettles
- ☐ More sockets
- ☐ Pin boards
- ☐ Shelving
- ☐ More windows
- ☐ External paint colours
- ☐ External livery
- ☐ Reflective Chapter8 Livery
- ☐ Ball or loop towing hitch
- ☐ Low level lifting points
- ☐ 2x toilets
- ☐ Urinal

Every Ecosmart has standard features that set it apart from the rest.



Thermal insulated

Our unique high density composite panels ensure minimum thermal transfer. Cool in summer, warm in winter.



High-spec running gear

We only use AL-KO axles & towing equipment to ensure long life and easy parts replacement.



Hydraulic lifting axles

No nonsense, quick set up. Press a button and the wheels hide away. Parking is easy. Moving is easy.



Hybrid power

Batteries are part of the power system, keeping generator use to a minimum.



Comfortable, clean, bright interiors

Our light & bright interiors set us apart from the rest. High gloss surfaces throughout, make them easy to clean.



Fully galvanised

Built for a tough life. Galvanized unique, high strength, composite panels and chassis. Resistant to vandals, road shocks, water & rust.

Ultimate welfare choice.

1

Choose Size

4 sizes, 12 to 22.9 feet long trailers.

6 to 16 people.

All sizes have the same facilities: Seating, canteen, toilet & drying room.

On larger sizes there is space for more canteen seating or a separate office room.

2

Choose Layout

A layout for every team. Emphasis on seating, office space or both.

Alternative layouts are available on all size models.

Extra canteen seating or office spaces.

Dual toilets are available on every size.

3

Choose Systems

Scale up your eco-potential to ZERO emissions.

Every Ecosmart unit is a Hybrid combination of batteries and generator.

We only make systems to reduce generator time and emissions.

Add solar panels to increase power generation without increasing emissions.

We have 6 levels of hybrid systems all the way up to ZERO emissions hydrogen fuel cell, solar/battery units.

4

Choose Upgrades

Site welfare - have it your way.

We have a wide range of upgrades to choose from.

Available on every Ecosmart.

From custom paint finishes & graphics, to 4G WiFi routers.



Ecosmart
Power Management

Choose Size

4 sizes,
12 to 22.9 feet trailer length.
6 to 16 people.



12  **6-8**
Depending on layout

	LENGTH	3615 mm	11.9 ft
	WIDTH	2420 mm	7.9 ft
	HEIGHT	2700 mm	8.8 ft
	GROSS	1800 kg	3970 lb
	UNLADEN	1650 kg	3640 lb
	PAYLOAD	150 kg	330 lb



20  **10-16**
Depending on layout

	LENGTH	6200 mm	20.3 ft
	WIDTH	2420 mm	7.9 ft
	HEIGHT	2700 mm	8.9 ft
	GROSS	3000 kg	6620 lb
	UNLADEN	2535 kg	5511 lb
	PAYLOAD	465 kg	1025 lb



16  **7-12**
Depending on layout

	LENGTH	4910 mm	16.1ft
	WIDTH	2420 mm	7.9 ft
	HEIGHT	2680 mm	8.7 ft
	GROSS	2240 kg	4940 lb
	UNLADEN	2145 kg	4630 lb
	PAYLOAD	95 kg	209 lb



22.9  **16**
Depending on layout

	LENGTH	6979 mm	22.9 ft
	WIDTH	2420 mm	8.3 ft
	HEIGHT	2700 mm	9.4 ft
	GROSS	3500 kg	7720 lb
	UNLADEN	2733 kg	6025 lb
	PAYLOAD	267 kg	590 lb

Max permitted trailer length for vehicles under 3500kg.

Choose Layout

A layout for every team.
Emphasis on seating,
office space or both.

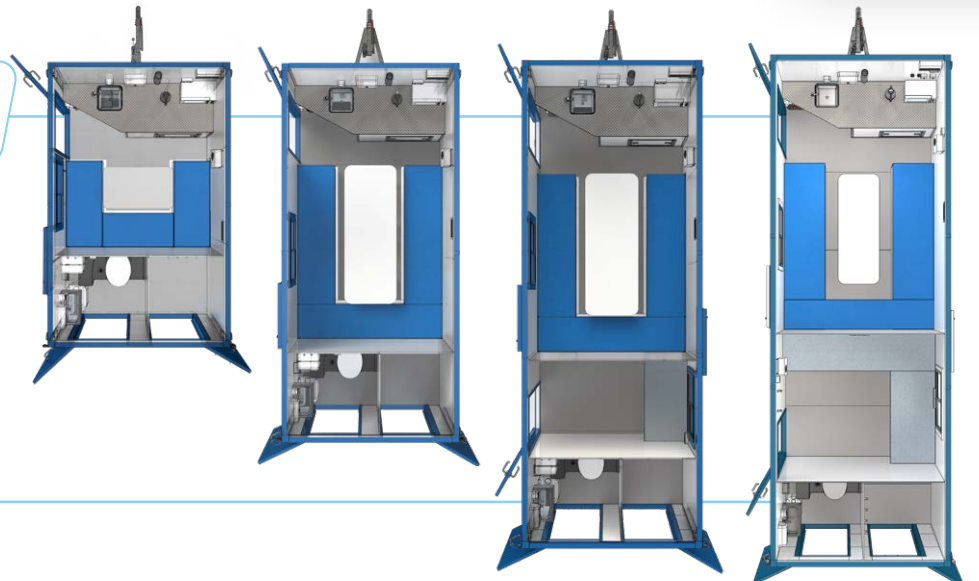


Look Inside
Click / scan to see a 360° tour.

Open Plan

Large canteen & seating space

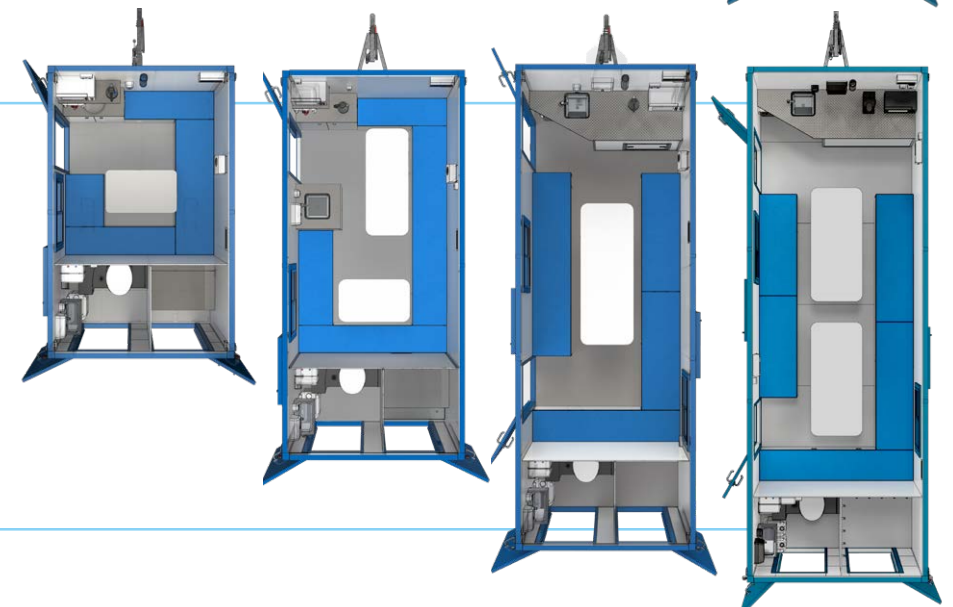
Our most popular layout.
A great mix of food/drink preparation space and seating.



Xtra

Space saving layout to maximise seating capacity

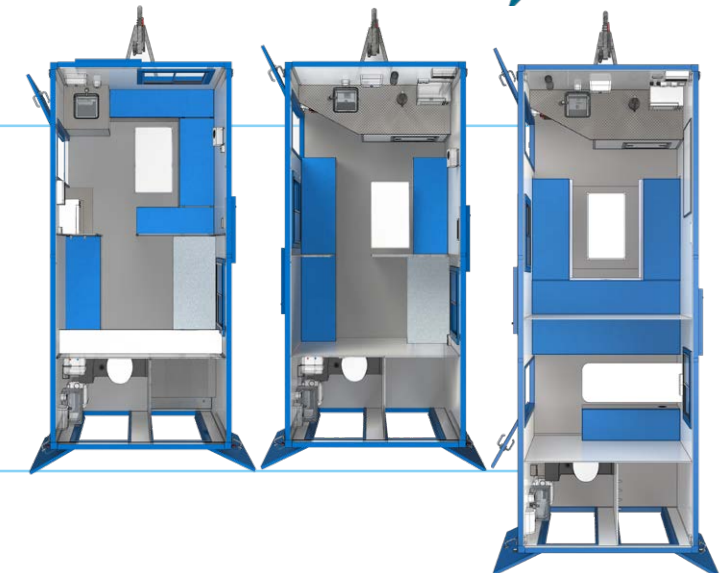
Spacious canteen seating for large groups.



+

Canteen + office space

Combination layouts to include an office with bench seating.

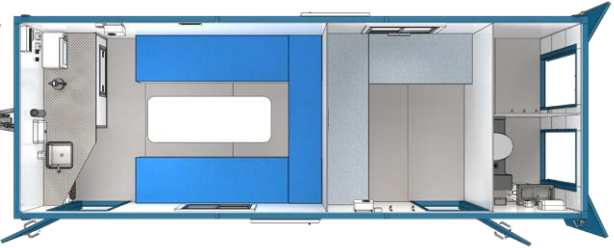


Choose
Layout

Open Plan

Large canteen + worktop space

- 22



**15**

Canteen for 12
Office for 3

WC, Drying +
storage
- 20



**12**

Canteen for 10
Office for 2

WC, Drying +
storage
- 16



**10**

WC, Drying +
storage
- 12



**6**

WC, Drying +
storage

NOTE: Images shown may contain optional upgraded parts and finishes.

12 16 20 22



Look Inside
Click / scan to see a 360° tour.



16 20 22



12 16 20 22

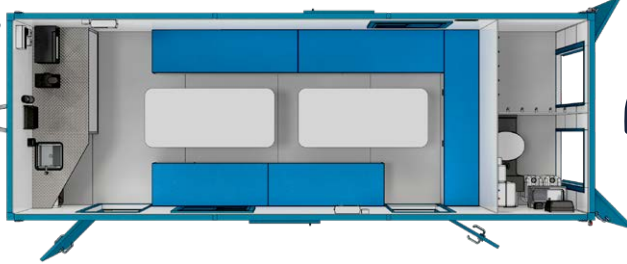


Choose
Layout Xtra

Extra large seating area

NOTE: Images shown may contain optional upgraded parts and finishes.

22



16

WC, Drying + storage

20



16

WC, Drying + storage

16



12

WC, Drying + storage

12



8

WC, Drying storage



Look Inside
Click / scan to see a 360° tour.

Choose
Layout +

More office space



20



15

Canteen for 10
Office for 5
WC, Drying
+ storage



16



9

Canteen for 6
Office for 3
WC, Drying
+ storage



16



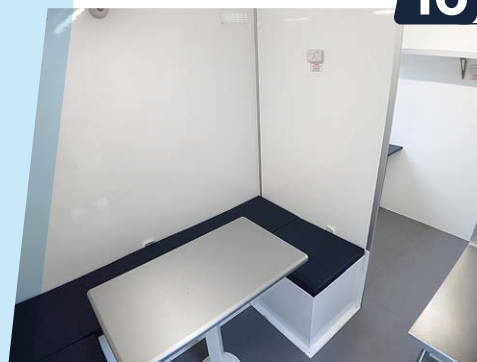
10

Canteen for 7
Office for 3
WC, Drying
+ storage

Xtra +



16 Xtra +



16 Xtra +

16 +



16 +



16 +



16 Xtra +

16 +



16 +



20 +

Toilets & Drying Rooms

Clean, comfortable, and compliant facilities in every Ecosmart welfare unit.



Look Inside
Click / scan to see a 360° tour.

Optional Dual Toilets

Available on most sizes and layouts. Recirc. or pedal flush options

Our toilet cubicle is designed with a spacious, ergonomic layout and all interior surfaces are finished in high-gloss, wipe-clean materials to support easy hygiene maintenance. The standard configuration includes a recirculating chemical toilet, hotwash sink with electric water heating, towel and soap dispensers, and internal LED lighting.

Upgrades are available to suit operational requirements or client preferences. These include a pedal-flush system connected to an underfloor waste tank for a non-recirculating setup, offering improved hygiene and waste handling. Customers can also choose from a range of floor and wall finishes to meet durability or visual standards.

The Ecosmart Toilet cubicle forms part of the overall welfare provision, supporting compliance with HSE site welfare requirements while maintaining a high standard of user comfort and easy servicing.

Drying Rooms

Standard Drying Room

Coat hooks

Chequer plate floor and walls for tool storage is available as an upgrade, for extra durability.

Air

Diesel heating outlet example. (Upgrade)
Tube heating unit as standard.

+ Xtra

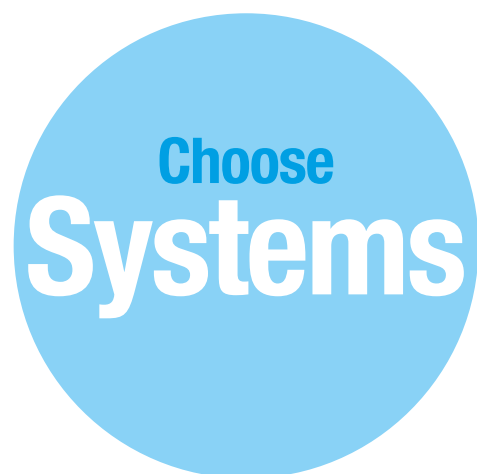
Generator timer for continuous drying. Saves generator time on standard models.

Standard drying room tube heating unit.

On some Xtra & Plus layouts the generator is located in the rear.

Dual toilets are not available on these layouts.



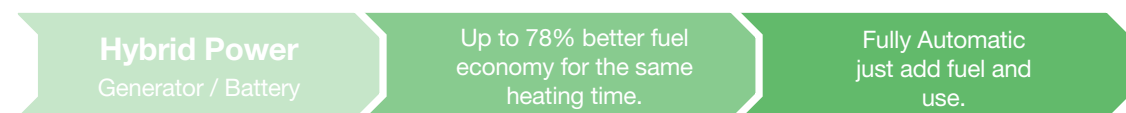


Scale up your
eco-potential to
ZERO emissions.

Solar +
alternative
power sources.

We have a large collection
of power consumption
case studies and data.
Available on request.

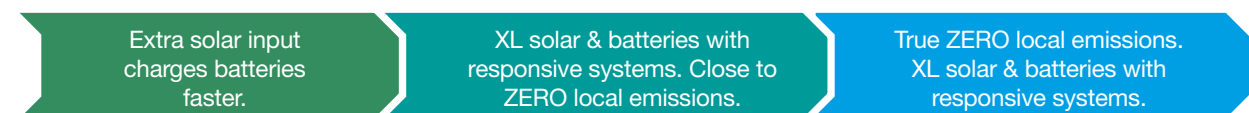
Hybrid power saving potential



Improve
charge times

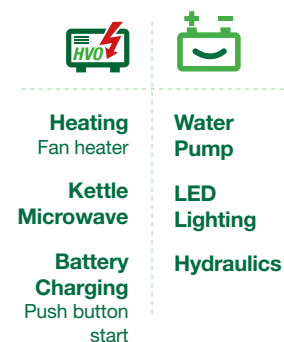
Close to
Zero Emissions

Zero
Emissions



Ecosmart

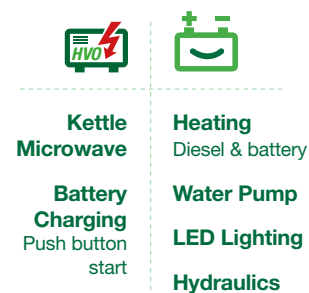
Hybrid Power
HVO Generator / Battery



Instant Hot Water
4 minutes warm up
=
4 hours hot water on demand

Ecosmart
Air

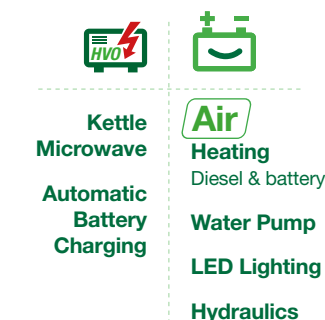
Hybrid Power
HVO Generator / Battery



Instant Hot Water
4 minutes warm up
=
4 hours hot water on demand

Autosmart

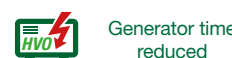
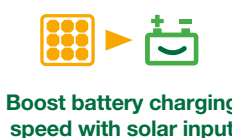
Automatic Self charging hybrid
HVO Generator / Battery



Instant Hot Water
4 minutes warm up
=
4 hours hot water on demand

Ecosmart
Solar
HYBRID

Solar Panels
HVO Generator / Battery / Solar



Upgrade from:
Ecosmart
Ecosmart
Air
Autosmart

Ecosmart
MAX

Automatic Self charging hybrid
Lithium Battery Bank / XL Solar / HVO Generator Backup



ZERO fuel on summer days

All systems run from battery bank



Instant Hot Water
4 minutes warm up
=
4 hours hot water on demand

Ecosmart
ZERO^{co.}

Automatic Self charging hybrid
Lithium Battery Bank / XL Solar / Hydrogen Fuel Cell Backup



ZERO fuel on summer days

All systems run from battery bank



Instant Hot Water
4 minutes warm up
=
4 hours hot water on demand

Years of development has led to the Ultimate EasyCabin Range.

Ecosmart Solar MAX offers a welfare solution for companies that are working to meet the demands of future CO2 reduction and clean air targets.

Designed for the highest possible power saving & harvesting performance, even in the unpredictable UK weather. The Ecosmart Solar MAX is proven to work year round whilst operating with minimal fuel input.

With increased focus on the reduction of carbon footprint and the prioritisation of corporate social responsibility issues, there is a real demand for industries to adopt alternative power whilst maintaining reliability and cost effectiveness.

Ecosmart Solar MAX hybrid systems provide an opportunity to both reduce operating costs and increase environmental performance.

The systems are silent most of the time and only engage the backup HVO generator when absolutely necessary. Ultra-low emissions are achieved when using HVO alternative fuel.

Ecosmart Solar MAX has been designed to have the same user friendly operation as standard Ecosmart welfare unit. Power to run the heating, sockets, kettle and microwave comes instantly from the large battery bank. The batteries are constantly fed by the large, powerful solar panels.

LOW CO₂ **Use no fossil fuels**
With HVO fuel used as a back up only.

Zero fuel with solar panels
On summer days up to 100% of the power demands can be met from the solar panels.*

LOW **More peace and quiet**
Less generator time.
Less noise and vibration.

On-demand power & heat
On any appliance in the cabin.

Efficient power management
The Ecosmart system controls power demands to make sure the generator is only used when absolutely necessary.

Remote telemetry
View data readouts on your device or laptop from any where in the world

Optional Rain water harvesting
Re-use rain water for toilet flushing and hand washing.

Ultra low emission
ZONE

Clean air
ZONE



Full roof of super efficient solar panels

Power flows from battery bank



Powerful lithium battery bank

Up to 4 batteries



Generator for battery charging only

Back-up power on stand by just in case!

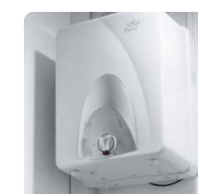
Systems & appliances



Kettle & Microwave



Lighting



Hot water



Diesel Heating



Sockets

Ecosmart Power management, keeps back-up generator use to a minimum.

Monitoring & remote control

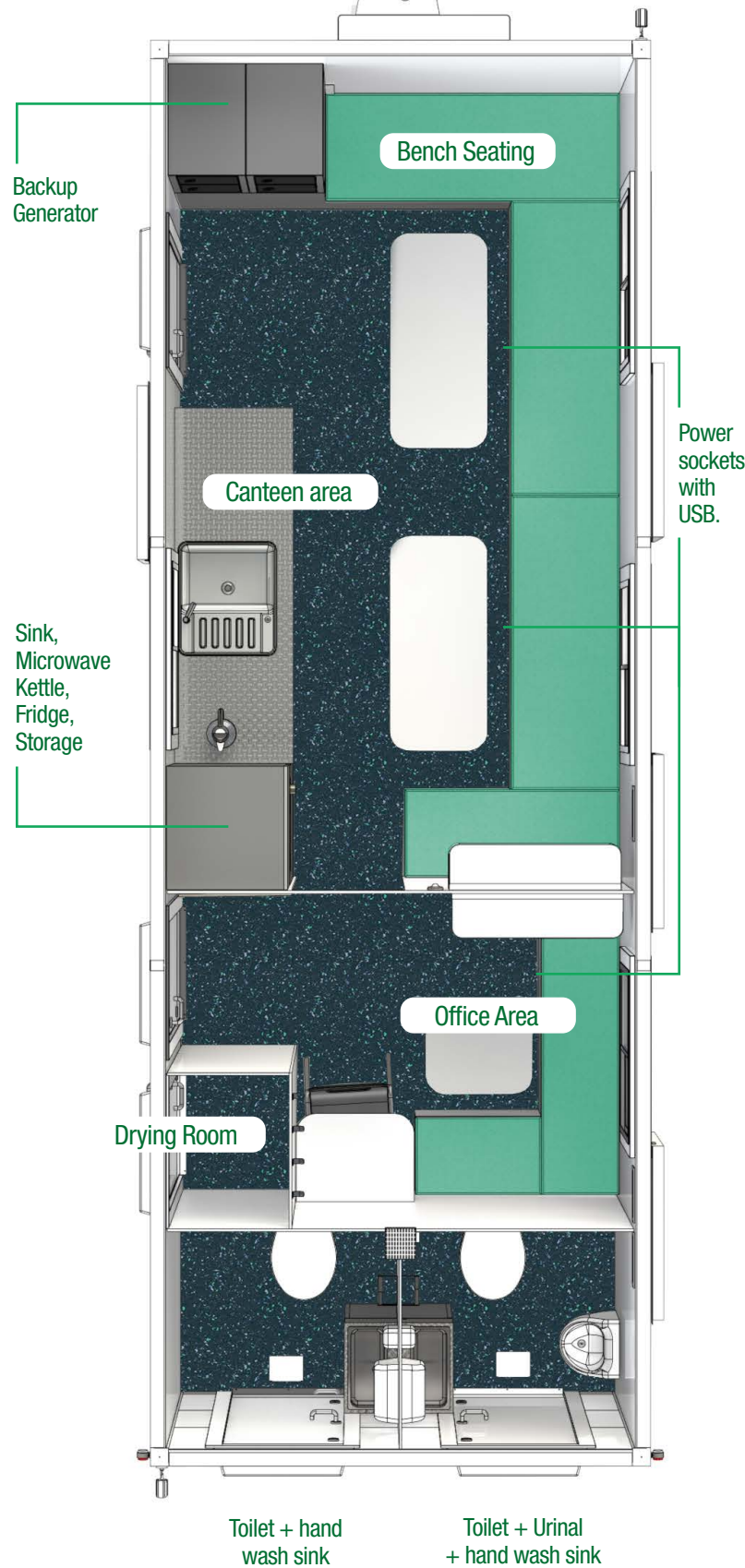
Optional on any SolarMAX is a local control dashboard integrated with **Victron Connect**. Remote monitoring is available from the Victron App or website.



SOLAR MAX EXCLUSIVE

Extra Large 22.9 unit, high spec interior with fitted canteen/storage units.

More room for a great list of optional luxury or eco options.



Built to accommodate up to **x16 People**

ULTRA LOW

Local Emissions
Fuel consumption
No fossil fuels with HVO

Based on **22.9** chassis model

3500kg Gross weight

X-Large Cabin

W 2480
L 6890
H 2800

Dimensions (mm)

600L

External Pumped XL waste capacity saving servicing and minimising emissions

Smart Electric Systems

Automatic systems start/stop to minimise consumption
Smart sockets & USB chargers throughout the cabin
Low energy PIR activated LED lights

Rain water harvesting
Grey water flushing

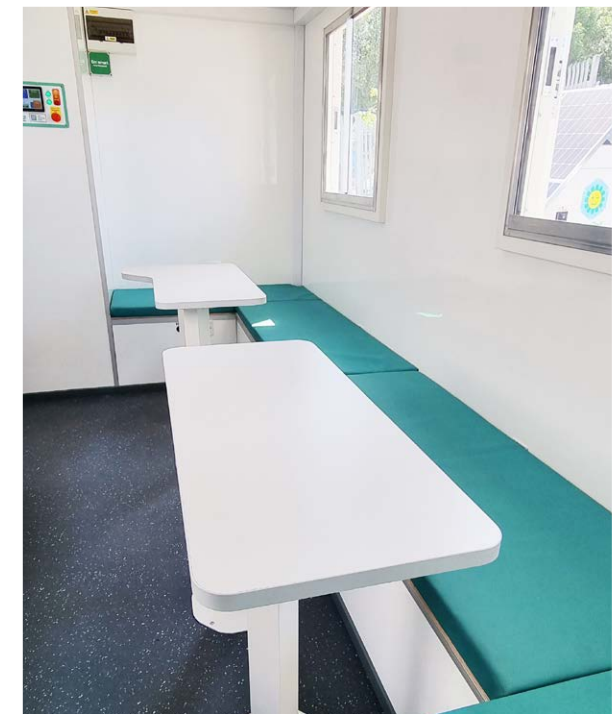
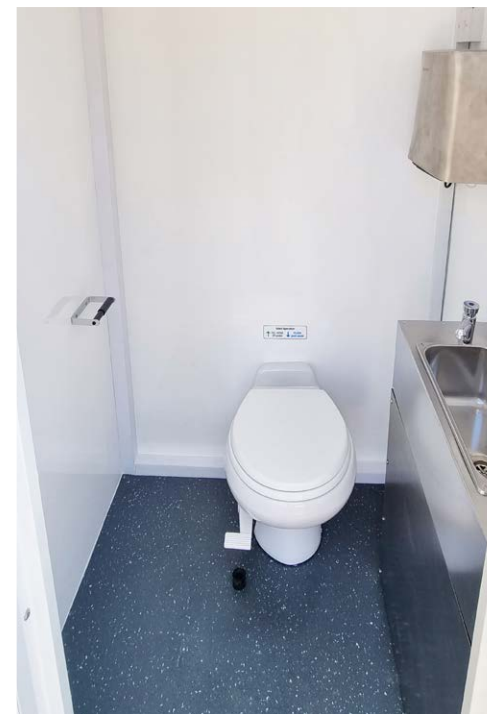
OPTIONAL

Enhanced Light

4 windows on 2 aspects increasing natural light
Circadian lighting

OPTIONAL

Options listed on later pages are also available on this special layout





Standard Features

Available as standard on all Ecosmart models and layouts

3.5kVA Stage 5 HVO Generator
(Ultra-low emissions with HVO fuel)



Sustainability	Facilities	Build / Materials
- AGM battery pack - Fully insulated walls and roof system with no cold bridging - LED lighting & hot water without the need for the generator - Low noise pollution - Low fuel consumption - Low CO2 emissions - Ultra-low CO2 emissions with HVO fuel, No need for fossil fuels - Manual generator stop/start	- Easy to use canteen facilities; kettle, microwave & fridge - Waste & fresh water containers 230v Power sockets with USB charging - Electrical fan heating as standard - Comfortable padded bench seating - Stainless steel worktop - Under seat storage - Warm water washing facilities - Recirculating toilet - Forearm wash basin in toilet - All interior and exterior surfaces are tough, durable and wipe clean - Spacious drying room with hanging clothes facility - Office space (depending on layout)	Walls: Constructed from unique patented (2448660) high strength composite panels. Galvanised steel exterior, seamless GRP interior and high density foam insulation Roof: Seamless insulated composite panel. Floor: 15mm plywood with slip and wear resistant phenolic coating. Wheels: Low Profile 215R 14" or 195R 14" depending on trailer model Windows: Aluminum with security door locked internally with thumb turn deadlock. Chassis: Heavy duty galvanised steel. Axle: Braked. Electric type AL-KO hydraulic axle. Dual axles on larger units Lights: Built in road lights approved with removable number plate brackets. Doors: High security composite doors with 2 deadlocks. Double doors to generator with 2 deadlocks.
Movability		Security / Safety
- Lightweight easy to tow - Soft cushioning Hydraulic system - Balanced loading, with generator in the front, for better towing - Accessible wheels. Ability in the event of a puncture to change at the side of the road with ease - Road lights and number plate holder built in, No need for a tailboard to be fitted - Accidental collision can occur, however our corners are designed to absorb impact and are easily maintained	- Dual heavy duty locking system per door - Robust galvanised exterior with high impact resistance - Unique hydraulic system for setup in under 45 seconds - Hydraulic axle isolator inside cabin. Impossible to tow away without full break-in - Carbon monoxide detectors - Breakers / Consumer unit	

Higher spec systems, as above with extra features

Air Diesel Heating	Autosmart	Solar HYBRID
Heating ON, without the generator running. Quiet, efficient heating system. - Webasto diesel heating system replaces electric heating - Heating without the need for generator running - Heating outlets in all rooms - Reduces fuel consumption - Standard diesel & HVO compatible	Automatic system operaton. Self-charging hybrid. - Fully automatic start/stop system - Turn system ON for automatic generator activation and power management. No user input needed! - Webasto diesel heating system replaces electric heating - Heating without the need for generator running - Heating outlets in all rooms - Reduces fuel consumption - Standard diesel & HVO compatible	Faster battery charging with solar panels. 1-2 large solar panels mounted on the roof (depending on unit size) - Solar energy stored in AGM batteries to reduce battery charging times - Reduction of generator run time - Reduces fuel consumption - Victron solar charge controller - Available in addition to Ecosmart, Air & Autosmart systems - Increased efficiency & fuel saving with Air Diesel Heating.



Standard Features

Available as standard on all SolarMAX models and layouts

3.5kVA Stage 5 HVO Generator
(Ultra-low emissions with HVO fuel)



Battery Bank Cells / Up to 4 per bank



Sustainability	Movability	Facilities
- Automatic generator stop/start technology for economical fuel usage - All electrical systems and appliances available without the generator operating - Large solar array, uses whole of the available roof space - Large, powerful lithium battery banks power storage - Zero fuel with solar panels On summer days up to 100% of the power demands can be met from the solar panels only. - Fully insulated walls and roof system with no cold bridging - LED lighting & hot water without the need for the generator - Low noise pollution - Low fuel consumption - Low CO2 emissions - Ultra-low CO2 emissions with HVO fuel, No need for fossil fuels	- Lightweight easy to tow - Soft cushioning Hydraulic system - Balanced loading, with generator in the front, for better towing - Accessible wheels. Ability in the event of a puncture to change at the side of the road with ease - Road lights and number plate holder built in, No need for a tailboard to be fitted - Accidental collision can occur, however our corners are designed to absorb impact and are easily maintained	- Easy to use canteen facilities; hot water boiler, microwave & fridge - Waste & fresh water containers - AIR Diesel heating as standard 230v Power sockets with USB charging - Comfortable padded bench seating - Stainless steel worktop - Lots of storage space - Warm water washing facilities - Fresh flush ceramic toilet. Underfloor waste tank with extra capacity. - Forearm wash basin in toilet - All interior and exterior surfaces are tough, durable and wipe clean - Spacious drying room with hanging clothes facility - Office space (depending on layout)
Security / Safety	Remote Monitoring	Build / Materials
- Dual heavy duty locking system per door - Robust galvanised exterior with high impact resistance - Unique hydraulic system for setup in under 45 seconds - Hydraulic axle isolator inside cabin. Impossible to tow away without full break-in - Carbon monoxide detectors - Breakers / Consumer unit	Power generation and flow at your finger tips 24/7. Access via WiFi or 4G connection. Remote telemetry: Dashboard - Fuel level monitoring and low level fuel alerts - Waste / Water tank monitoring - Battery power and monitoring displays - Diagnostics and troubleshooting - Event logging - Generator controls, ON/OFF, load management - Solar & Battery information	Walls: Constructed from unique patented (2448660) high strength composite panels. Galvanised steel exterior, seamless GRP interior and high density foam insulation Roof: Seamless insulated composite panel. Floor: 15mm plywood with slip and wear resistant phenolic coating. Wheels: Low Profile 215R 14" or 195R 14" depending on trailer model Windows: Aluminum with security door locked internally with thumb turn deadlock. Chassis: Heavy duty galvanised steel. Axle: Braked. Electric type AL-KO hydraulic axle. Dual axles on larger units Lights: Built in road lights approved with removable number plate brackets. Doors: High security composite doors with 2 deadlocks. Double doors to generator with 2 deadlocks.



Burn only clean fuel. Reduce fuel consumption, CO2 emissions and preserve machine uptime.

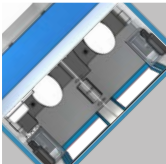
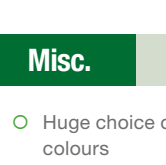
FuelActive is a unique method of delivering 92% cleaner fuel to the engine by drawing fuel from just below the surface of the fuel tank. FuelActive ensures that only clean fuel enters the fuel lines eliminating the costly effects of fuel contamination. Not only that, because only clean fuel is used, the thermal efficiency of the engine reduces fuel consumption whilst maintaining factory-level emissions standards through its life cycle.



Upgrades

The most configurable welfare unit on the market today.
Improve usability, comfort & efficiency. The choice is yours.

Some of the options listed are not available on all models & layouts. Please contact us to discuss your needs.

Comfort	Usability	Efficiency & Power
Standard  Electrical heating Fan heating in canteen for fast, instant warmth. Storage heating in office & drying room.	 Fresh flush ceramic toilets Underfloor waste tanks with extra capacity.	 6 kVA HVO Generator Increase power to sockets and appliances. For heavy use sites or cabins with extra systems.
 'Air' Diesel Heating Webasto heating system uses fuel from the tank. Great for heavy use sites that need 24h heating.	 Dual toilets Add another toilet into the drying room. Available as Fresh flush or recirc.	 More Battery Cells Increased battery storage. For heavy use sites or cabins with extra systems.
 Air Conditioning (Cold air only) Perfect for long-hot summers. Use in conjunction with heating systems.	 External corner protection Reinforced trims for extra damage protection.	 Solar Panels Use Solar to charge batteries and power lighting.
 Combined Air Conditioning / Heating All in one electrical system that provides hot and cold air.	 Lifting gear Reinforced points at high or low level for crane access	 Fuel Active Advanced fuel filtration, increases efficiency and engine life-span.
 Enhanced Light Circadian lighting systems for better working conditions.	 Automatic operation Self charging hybrid systems. Just turn on and use.	 1kw Wind turbine Use wind to charge batteries and power lighting.
 More windows Add more windows to increase natural light & site visibility.	 Safety	 Misc.
 4G/5G WiFi access Give your users access to a local Internet connection.	 AL-KO ATC Anti snake systems built into the running gear.	○ Huge choice of RAL exterior paint colours ○ Pin boards / white boards ○ Extra storage / shelving ○ External signage / branding ○ Spare wheel ○ Extra kettle (6kVA Gen only) ○ More Sockets (6kVA Gen only) ○ External 3pin mains power port ○ Customer colour bench seating cushions ○ Stainless steel chequer plate flooring & walls on storage/drying rooms and toilets. ○ CCTV - External cameras, available only with 4G/5G WiFi access
	 Chapter 8 reflectors High visibility stickers ideal for highways sites.	
	 Safety equipment First aid station and fire extinguishers.	



After Care & Support

We have dedicated support teams to help you with every part of your journey with us.

We are more than just a manufacturer. Your success is the key to our success.

- Sales Support
- Marketing Support
- Delivery / Handover
- Product Training
- Service Support
- Technical Support
- Parts / Upgrades

Technical advice & training

We have a dedicated team of engineers UK wide. Ready to respond with remote phone support or at your location.

We offer full training courses in all aspects of maintenance and operation.



User Manual & Service Guide

A comprehensive owners guide. Every part of the unit is covered, from End user guides to individual parts servicing, troubleshooting and maintenance.



Ecosmart 16 Fuel Efficiency Comparison

To illustrate the fuel & emissions saving potential of our welfare units see below data for a 16FT welfare unit.

A full, individual data presentation for each combination of size / layout / system is available on request.

16 1 Year energy use*	Gen Run Hours	Litres Used	Diesel Cost £	Diesel CO ₂ e KG	HVO CO ₂ e KG	Litres Fuel Reduced by %	Fuel Cost Savings £
Non-hybrid 6kVA Welfare Unit	2600	2600	£ 4,420	7083	708	----	----
Ecosmart	976	879	£ 1,494	2394	239	66.2%	£ 2,926
Ecosmart Solar	859	773	£ 1,315	2107	211	70.2%	£ 3,105
Ecosmart Air Diesel Heating	843	783	£ 1,330	2132	213	69.9%	£ 3,090
Ecosmart Air Diesel Heating Solar	667	624	£ 1,061	1701	170	76.0%	£ 3,359
Autosmart	761	725	£ 1,232	1974	197	72.1%	£ 3,188
Autosmart Solar	592	573	£ 974	1561	156	77.9%	£ 3,446
Ecosmart MAX Air Diesel Heating	93	107	£ 183	293	29	95.8%	£ 4,237
	Fuel Cell Run Hours	Bottles H2 used	H2 Cost £	Local CO₂e KG			
Ecosmart ZERO	505	72	£ 4,327	Zero			- £ 93

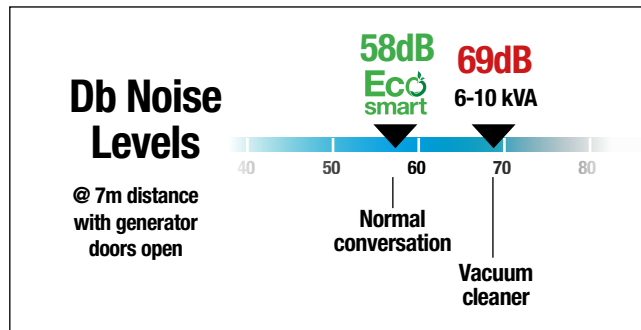
*

Based on 10 hours per day for 260 days, 80 days in winter mode and 180 days in summer mode. Each day is a typical usage day. 6 Persons accommodated.

£1.70p per litre Diesel / HVO
£ 60 per H2 Bottle

Solar panels achieve maximum output in direct sunlight, but they work in normal daylight and cloudy weather too. The amount of power a solar panel or charging kit generates in cloudy weather will be lower compared to direct sunlight. Also the positioning of the cabin will affect the solar charging of the batteries i.e. under trees, etc.

This assessment doesn't take in consideration the usage of the hydraulics
This assessment is guidance only



Award winning welfare Designed & built in the UK



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FOOTNOTES

As part of our on-going commitment to improvement we reserve the right to alter specifications, designs or figures, without prior notice. All dimensions and weights are approximate.
A full energy presentation is available on request.

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<https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2023>

v-02/2025