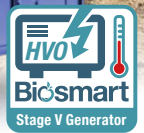




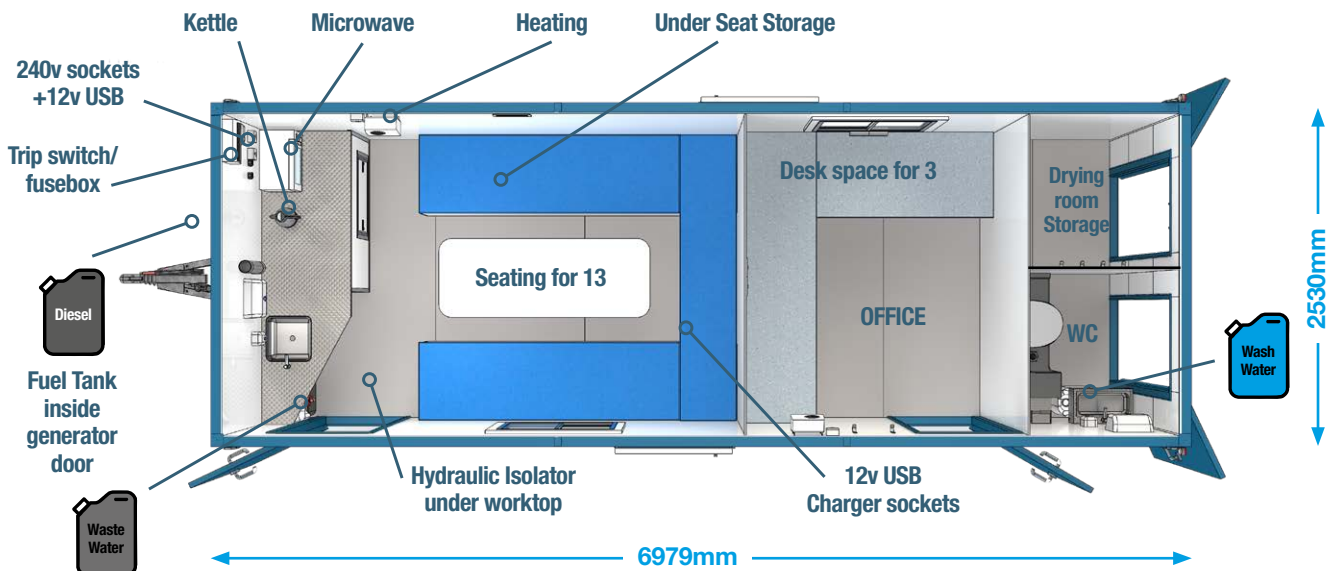
EasyCabin  
**Ecosmart**

**22 Solar**



## EXTRA-LARGE

All the benefits of a static unit with the flexibility of a towable trailer. Mobile self contained welfare facilities, canteen, office & toilet. Easy to use, easy to move. Hybrid & energy efficient. Ideal for any size or type of site.



EFFICIENT

**Ecosmart  
technology**

Minimises power usage of the generator, to operate in the most efficient way possible.

POWERFUL

**Economical  
HVO  
generator**

Ecosmart welfare units use Stage V silenced generators. Ultra-low emissions with HVO fuel.

LIGHTER + STRONGER

**Easy to  
move**

Ecosmart welfare units are loved by users for their stable towing behavior and low weight.

NO NONSENSE

**45<sup>s</sup>  
setup**

Ecosmart welfare units have hydraulic axles. Ready to use in 45 seconds.<sup>(1)</sup>

COMFORTABLE

**Light & bright  
inside**

Our interiors stand apart from other welfare units. High gloss finishes, light & bright make them an industry favorite.

Call us: 0161 327 0123

[www.ajplogistics.co.uk](http://www.ajplogistics.co.uk)

# EasyCabin EcoSmart 22 Solar

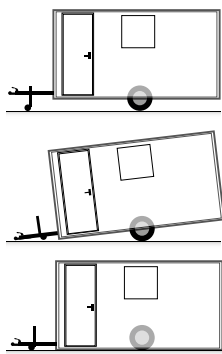


Comfortable cabin space for 13 persons



45s  
Setup

Hydraulic axles



- Step 1**  
Un hitch.  
Hand brake on.  
Turn generator on.
- Step 2**  
Wind up jockey wheel.  
Turn ON isolator switch in cabin.
- Step 3**  
Use hydraulic controls.  
Turn OFF isolator switch in cabin.  
You are now parked and secure.

## Movability

- Lightweight easy to tow
- Soft cushioning Hydraulic system
- Balanced loading, with generator in the front, for better towing
- 14" wheels with the 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

## Facilities

- Easy to use canteen facilities; kettle & microwave
- Spacious & comfortable seating area
- Separate Office room with power sockets & heating
- Electrical Heating
- Warm water washing facilities
- Recirculating toilet
- Forearm wash basin
- All interior and exterior surfaces are tough, durable and wipe clean
- Spacious drying room with hanging clothes facility
- Plug and play sockets: USB's without the generator and 230v sockets

## Sustainability

- Fully insulated wall and roof system with no cold bridging
- Solar panels increase battery charge and reduce generator time
- Hot water without the need for the generator
- PIR activated LED lighting
- Low noise pollution
- Low fuel consumption
- Low CO2 emissions
- Automatic generator timed shut off for unnecessary fuel usage
- Low energy LED road lights

## Security / Safety

- Dual heavy duty locking system per door
- Robust galvanised exterior with high impact resistance
- Unique hydraulic system for setup in 45 seconds
- Extra window ideal for security sites

**16**  
Canteen for 13  
Office for 3

**3000kg**  
Gross weight  
**2733kg**  
Unladen weight

**W 2530**  
**L 6979**  
**H 2870**  
Dimensions (mm)

**UP TO 4h**  
**UP TO 6h**  
Battery power <sup>(1)</sup>

**110L**  
Toilet waste capacity

**25L** **25L**  
Waste Wash  
Water capacities

## DIESEL TYPES

**Mineral Diesel**  
**HVO Alternative**

**1 to 2 hours**  
For full charge

**58dBA**  
@7m  
Quiet generator

## Energy savings

Compared to a  
6kVA non-hybrid  
system.

A full energy presentation is available  
on request.

Annual diesel savings  
@£1.70 per litre  
**£7,079**  
**4,164** litres

**Solar**  
**HYBRID**  
Reduce generator  
time further

DESIGNED & BUILT IN THE UK BY  
**AJC EasyCabin**

**MULTI-AWARD WINNING ECO  
WELFARE CABINS & HYBRID  
SYSTEMS**

**Winners 2024**  
2020 / 2021  
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CSR EXCELLENCE AWARDS

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**WINNERS 2023**

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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.

(1) Figures quoted based on "optimum use", with the generator not running, no appliances used, no hydraulics used and no diesel/electric heating within the stated time period.

(2) While in un-hitched state, timed from the start of axle retract sequence, until the unit is seated and the cabin door is opened.

(a) Costs = Diesel @ £1.50/litre. Savings = Compared to an EasyCabin standard 12 with a 6Kva generator. All figures quoted for guidance only & do not include use of hydraulics.

A full energy presentation is available on request.

# Ecosmart 22 Fuel Efficiency Comparison

To illustrate the fuel & emissions saving potential of our welfare units see below data for a 22FT mobile welfare unit.

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

22 1 Year energy use*	Gen Run Hours	Litres Used	Diesel Cost £	Diesel CO <sub>2</sub> e KG	HVO CO <sub>2</sub> e KG	Litres Fuel Reduced by %	Fuel Cost Savings £
Non-hybrid 6kVA Welfare Unit	3900	5850	£ 9,945	15936	1594	----	----
Ecosmart Solar	1873	1686	£ 2,866	4592	459	71.1%	£ 7,079



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. 10 Persons accommodated.

£1.70p per litre Diesel / HVO

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

