



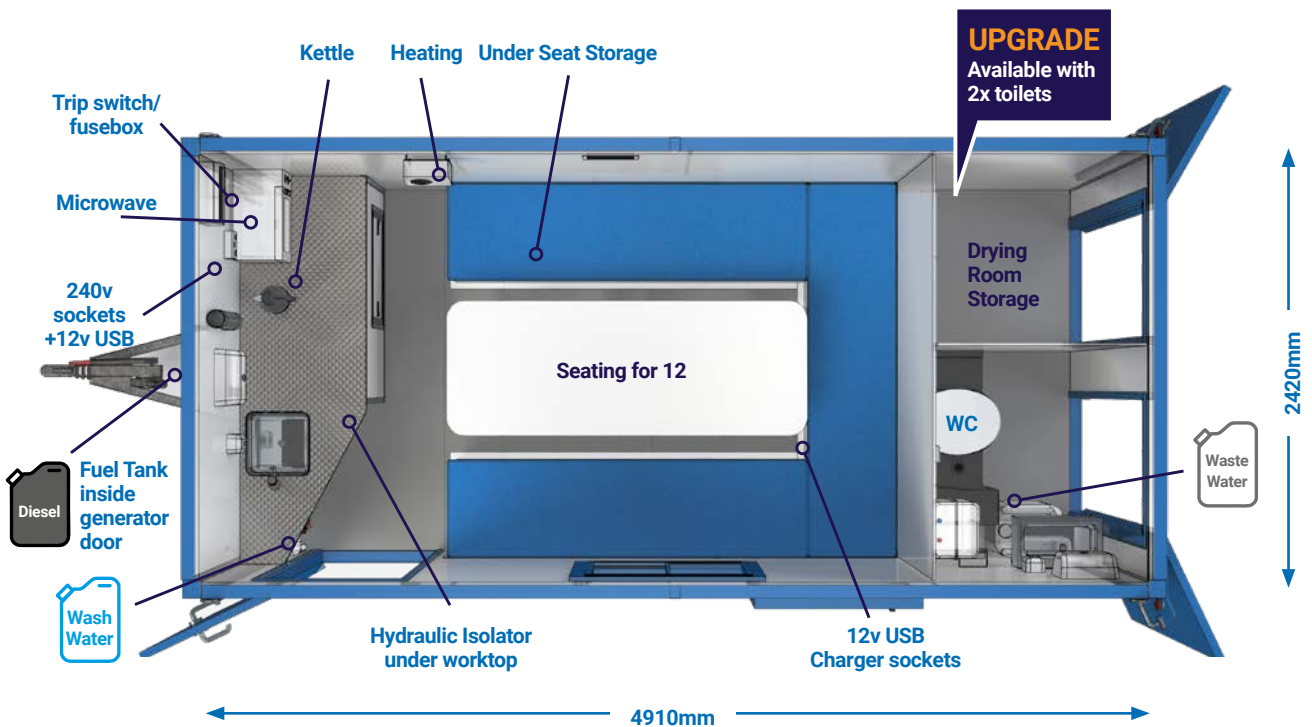
# Welfare 4 Hire

EasyCabin  
**Ecosmart**

# 12 Person WELFARE UNIT



## Mobile self contained welfare facilities, ideal for any size or type of site. Easy to use, easy to move.



**EFFICIENT**

**Ecosmart technology**

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

**POWERFUL**

**Economical generator**

Ecosmart welfare units use innovative hybrid eco-technology & low maintenance components.

**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 30 seconds.<sup>(1)</sup>

**UPGRADE AVAILABLE**

**Solar HYBRID**

**More Efficient Battery Charging\***

Reduce fuel & CO<sub>2</sub>

### Toilet facilities



### 10 person seating



### Canteen Area



Annual diesel savings<sup>(a)</sup>  
Compared to a Non-Hybrid welfare unit with a 6kVA Generator.  
@ £1.70 per litre

**£2,926**  
**1,721 litres**

UPGRADE AVAILABLE

**Solar HYBRID**

Improve Efficiency. Faster Battery Charging.

**Save fuel & CO<sup>2</sup>**

UPGRADE AVAILABLE

**2x toilets**

### Movability

- Lightweight easy to tow
- Soft cushioning Hydraulic system
- Balanced loading, with generator in the front, for better towing
- 13" 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
- 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
- OPTIONAL 2x toilet layout

**x12**

**2240kg**  
Gross weight

**2145kg**  
Unladen weight

**W 2420**  
**L 4910**  
**H 2680**

Dimensions (mm)

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

UP TO **6h**  
LED

**110L**

Toilet waste capacity

**25L** **25L**

Waste Wash

Water capacities

**DIESEL TYPES**  
EN 590  
NO Additives

**OIL TYPE**  
SAE10W-30 (1.3L)

**58dBA**  
@7m

Quiet generator

**1 to 2 hours**

For full charge

### Sustainability

- Fully insulated wall and roof system with no cold bridging
- PIR activated LED lighting & hot water without the need for the generator
- Low noise pollution
- Low fuel consumption
- Low CO2 emissions
- Automatic generator timed shut off for unnecessary fuel usage
- Low energy LED road lights
- OPTIONAL Solar power for improved efficiency

### Security / Safety

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

**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.

**HSE**

HSE compliant

**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 = Red diesel @ £1.70p/litre. Savings = Compared to an EasyCabin standard 16 with a 6Kva generator. All figures quoted for guidance only & do not include use of hydraulics. A full energy presentation is available on request.



## Fuel Efficiency Comparison

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

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

### 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 £
<b>Non-hybrid 6kVA Welfare Unit</b>	2600	2600	£ 4,420	7083	708	----	----
<b>EcoSmart</b>	976	879	£ 1,494	2394	239	66.2%	£ 2,926
<b>EcoSmart Solar</b>	859	773	£ 1,315	2107	211	70.2%	£ 3,105
<b>Autosmart Solar Automatic Operation</b>	859	773	£ 1,315	2107	211	70.2%	£ 3,105
<b>EcoSmart MAX Diesel Heating</b>	93	107	£ 183	293	29	95.8%	£ 4,237

\* 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. 12 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.  
 HVO & alternative diesel fuels are less efficient than standard diesel.  
 This assessment doesn't take in consideration the usage of the hydraulics  
 This assessment is guidance only

