

20' Eco Welfare Unit

Welfare facilities for 12 with separate toilet, drying room & office. Incorporating auto voltage sensing generator charging technology.

Gross weight 3000Kg
Unladen weight 2535Kg

The EasyCabin eco20 is a 12volt eco welfare unit which is extremely simple to use. 12volt batteries are monitored by a control system which are charged automatically to their optimum level from the onboard diesel generator.

An Eberspacher diesel heater provides hot water to sinks and air heating. The use of a kettle & microwave through auto generator start technology keeps running costs to a minimum. Extra USB sockets for laptop and mobile phone usage are fitted.

Construction Specification

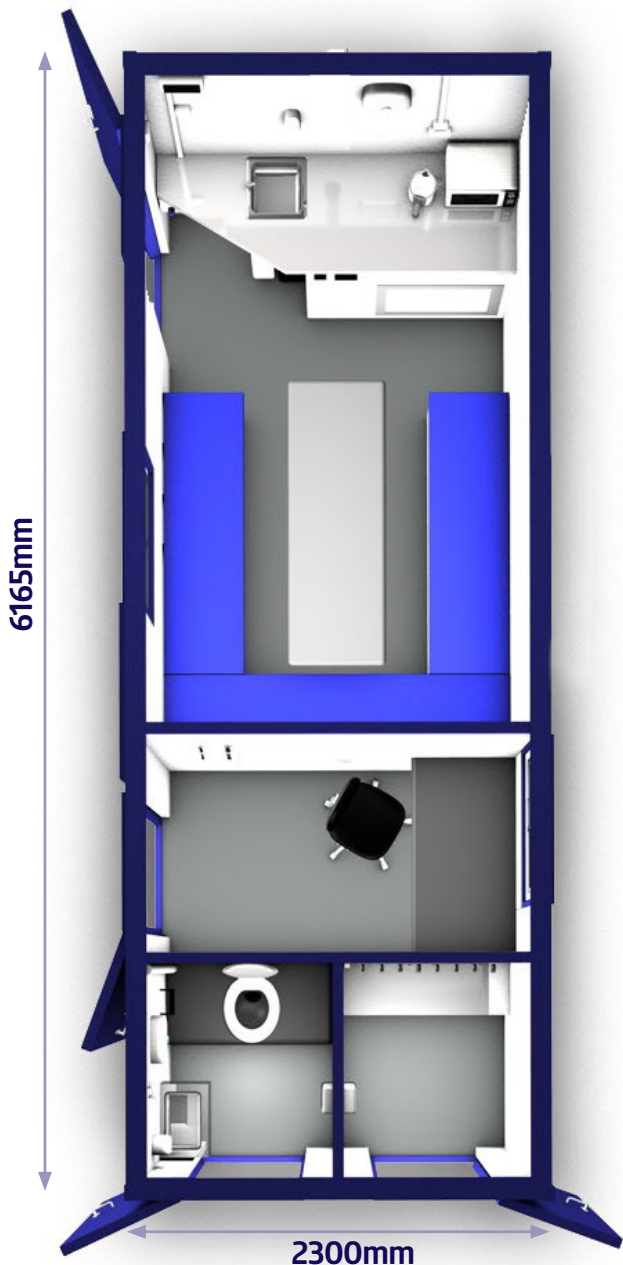
- Walls:** Constructed from unique patented (2448660) high strength composite panels. Bonded construction – galvanised steel exterior, seamless GRP interior and high density foam insulation, provides rust free and washable surfaces.
- Roof:** Seamless insulated composite panel.
- Floor:** 15mm phenolic faced marine ply.
- Wheels:** 185/70R 13" Low profile wheels & tyres.
- Chassis:** Heavy duty galvanised steel.
- Axles:** Electric type approved twin hydraulic axles.
- Doors:** 3 x high security composite doors with 2 deadlocks. Double doors to generator with 2 deadlocks.
- Windows:** 2 x Aluminium sliding frame with security door locked internally with thumb turn deadlock.
- Lights:** EEC approved built in road lights with removable number plate brackets.



In Summary

- ✓ Low in maintenance
- ✓ Low in emissions
- ✓ Low in fuel consumption
- ✓ Low in noise pollution
- ✓ Compliant with HSE regulations

Specification



Power

- High cycle AGM batteries
- Battery charger
- Battery Condition Monitor
- Invertor
- Diesel generator battery charger
- 12volt Hydraulic pump

Drying Room

- PIR activated 12 volt LED light
- Eberspächer 12volt control and heating system
- Blown air heating outlet
- Coat hooks

WC

- Re-circulating flush tank toilet,
- 170 litre capacity
- Sink to wash up to forearm with thermostatically controlled running water
- Coat hook
- Soap dispenser
- Towel dispenser
- Toilet roll holder
- PIR activated LED lighting

Canteen

- Bench seating for 10
- Thermostatically controlled hot water to stainless steel sink
- Eberspächer blown air thermostatically controlled heating
- Microwave and kettle
- Durable embossed stainless steel worktop
- Soap dispenser
- Towel dispenser
- Stainless steel sink
- Waste container
- Drinking water container
- PIR activated LED lighting
- Electrical certificate
- Carbon monoxide detector
- Diesel generator battery charger

Office

- Self contained office with power supply independent from generator.
- Work Bench/Desk & window
- 2 PIR activated LED lights
- Invertor & socket for laptop or other low power items
- Blown air heating outlet
- Coat hooks



Energy & Cost Savings

eco20

Based on a 50hour week. Compared to a 6kva generator. Fuel at £1.18/litre.

- Diesel Saving **£3,758 & 4,225 ltr**
- Maintenance saving **£1,550**
- CO2 emission saving **11,409kgs**
- Low in noise pollution

Full energy saving presentation available on request.



Canteen



W/C



Drying Room diesel heating unit



Eberspächer control panel



Diesel generator battery charger

Carbon Monoxide Detector

