

eco20 Junior



An alternative to the very successful eco20 delivering cost effective, eco friendly welfare solutions.

Canteen facilities for 10 with separate toilet, drying room & office/storage.

Incorporating voltage sensing generator charging technology.













The eco20 Junior Incorporates Environmentally friendly features to reduce emissions, maintenance, fuel consumption, generator hours and noise pollution.

Diesel heating and LED lights mean that the generator is run only to power 240 volt appliances or recharge batteries.

The Battery Condition Monitoring system signals when a recharge is necessary.

This model offers cost savings against the **eco20**, whilst maintaining the ease of use and security features of the **eco** range.

In Summary

- Low in maintenance
- ☐ Low in emissions
- ☐ Low in fuel consumption
- ☐ Compliant with HSE regulations



Whole Vehicle Type Approval, EEC Directive 2007/46.

(Approved for export throughout Europe)

Energy Performance Asset Rated



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Construction Specification

Walls: Constructed from unique patented (2448660) high

strength composite panels. 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 hydraulic axles.

Doors: 3 x high security composite doors with 2 deadlocks.

Double doors to generator with 2 deadlocks.

Window: Aluminium with security door locked internally with thumb

turn deadlock.

Lights: EEC approved built in road lights with removable number

plate brackets.

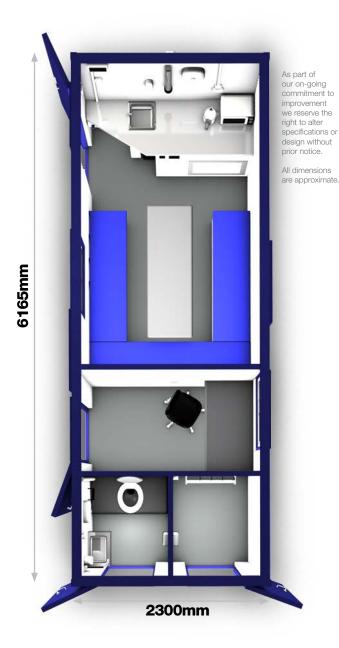
Weight: Gross weight 3000Kg - Unladen weight ONLY 2580Kg

READY TO USE IN 30 SECONDS









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Specification

Power

- High cycle AGM battery
- Battery charger
- Battery Condition Monitor
- Diesel Kubota engine generator
- 48ltr diesel tank
- Low level fuel cut off
- 12 volt Hydraulic pump

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

Canteen

- Table & bench seating for 10 people
- Eberspacher blown air heating system
- Microwave / kettle
- Durable stainless steel worktop
- Stainless steel sink
- Hot wash to sink 240 volt
- PIR activated 12 volt LED lighting
- Carbon monoxide detector
- Fresh, waste & drinking water containers
- Soap dispenser
- Towel dispenser
- Cup dispenser
- 12 volt charging socket
- Low battery light indicator
- Digital battery voltmeter
- Consumer unit with electrical certificate
- Generator timed controller with hour meter
- Fuel gauge

Drying Room

- 6 x coat hooks
- PIR activated 12 volt LED light
- Blown air heating outlet
- Earth rod

WC

- Re-circulating flush tank toilet, 170 litre capacity
- Sink to wash up to forearm
- Hot wash to sink 240 volt
- Coat hook
- Soap dispenser
- Towel dispenser
- Toilet roll holder
- PIR activated LED lighting

Options

- Non-hydraulic axles
- Fire extinguisher
- First aid kit
- Lifting eyes
- Ceramic flush toilet
- Cold wash WC sink
- Solar Panels

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Energy & Cost Savings

Based on a 40hour week. Compared to a 6kva generator. Red diesel at 90p/litre.

- Diesel Saving
 - 3,390ltrs / £3,050
- Maintenance saving £1,500
- CO2 emission saving 9,157kgs
- Engine hours saved 1,800
- Uses just **15ltrs** diesel / week
- Low in noise pollution
- Long sustainability

Total saving per year £4,542 or £22,710 over 5 years at 100% usage Total saving per year £3,179 or £15,897 over 5 years at 70% usage

Full energy saving presentation available on request.

Energy Performance Asset Rated





Performance Asset Rated

indicates the energy efficiency of the building fabric, heating, ventilation and lighting systems, making the eco16 Junior *Very* Eco friendly.

Eberspacher control panel





Carbon Monoxide Detector







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