

OFF-GRID
ECOSITE

Solar Energy Powered Mobile
Construction & Event Facility Hire



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ECOSITE welcomes you to a smarter and more sustainable solution for your on-site rental requirements.



Ecosite has worked with industry leaders to develop and redefine the concept of On-Site Rentals, offering a wholistic approach to sustainability, liveability and convenience.

The once “not possible”, is now possible.

Whether it be short or long-term hire, the benefits are immediate with Ecosite’s Zero Operational Co2 Footprint, and its turn key solutions.

Every Ecosite is equipped with remote digital access to view GPS location, solar yield, Co2 offset, battery state-of-charge, fresh, grey and waste holding tank levels.

Inside every ECOSITE model:

- Run industrial grade power tools
- Convenience of air conditioning and heating
- LED lighting,
- Water saving toilets and taps
- Fully equipped kitchen including:
 - Boiling and chilled water
 - Pie warmer
 - Microwave
 - Full-size refrigerator and freezer

Now is the time to advance to a more sustainable, practical and smarter remotely managed on-site rental facility, all without compromise.

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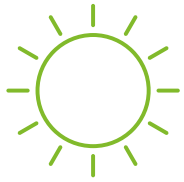
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Feature Benefits



Renewable Energy

Harvest a massive 3.2kW of solar energy



Less Fueling

Cut your fuel usage by up to 85% without compromising on electrical performance*



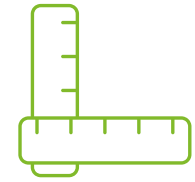
Carbon Neutral

Designed holistically around renewable energy & efficiency, carbon offsets are easily achieved



Save Money

Significantly less fuelling and no trades equates to considerably less set up, running and maintenance costs



Modern

Large open design fitted with the latest appliances, fittings and lighting to provide a greater experience for employees



Connected

Cutting-edge technology allows for real-time connected metrics for any site, anywhere



Convenient

Equipped with vivid lighting, male/female toilets, A/C, pie warmer, microwave, fridge, freezer, boiling & chilled water



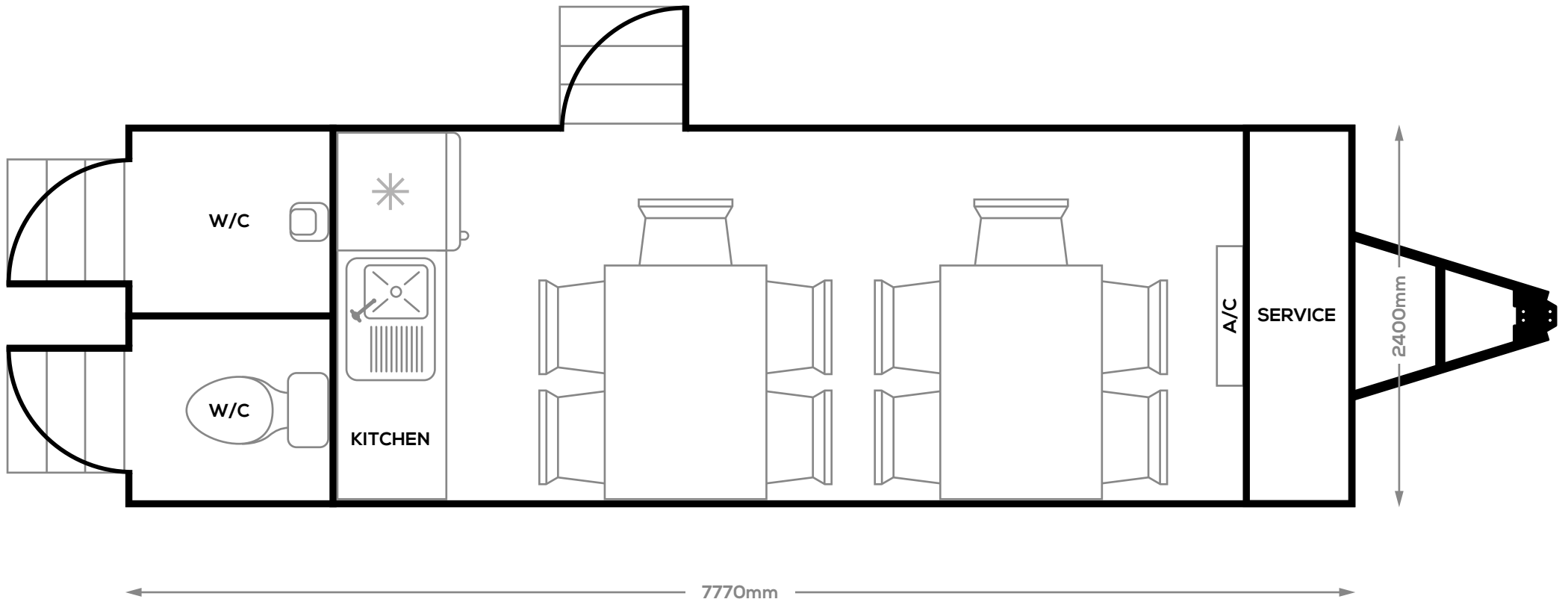
Light Weight

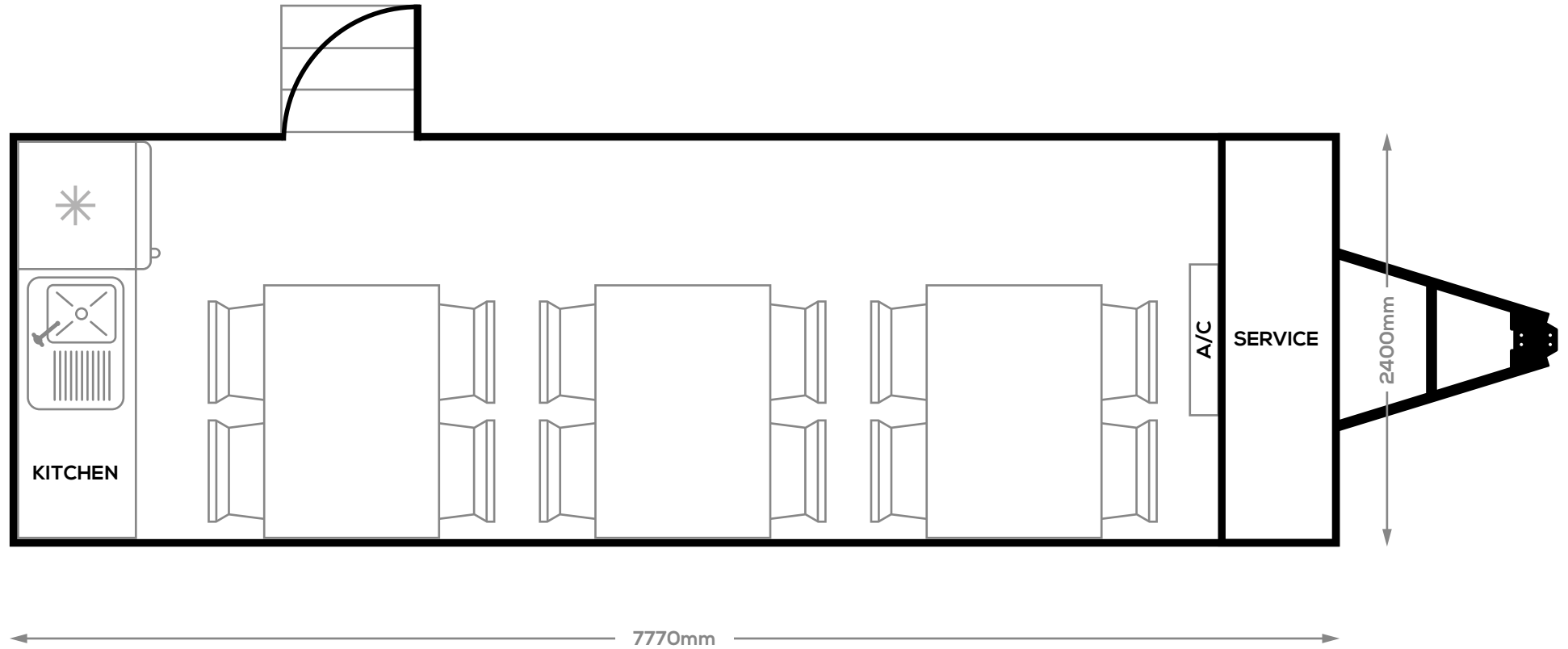
All trailers are sub 3.5 tonne making it simple and easy to relocate

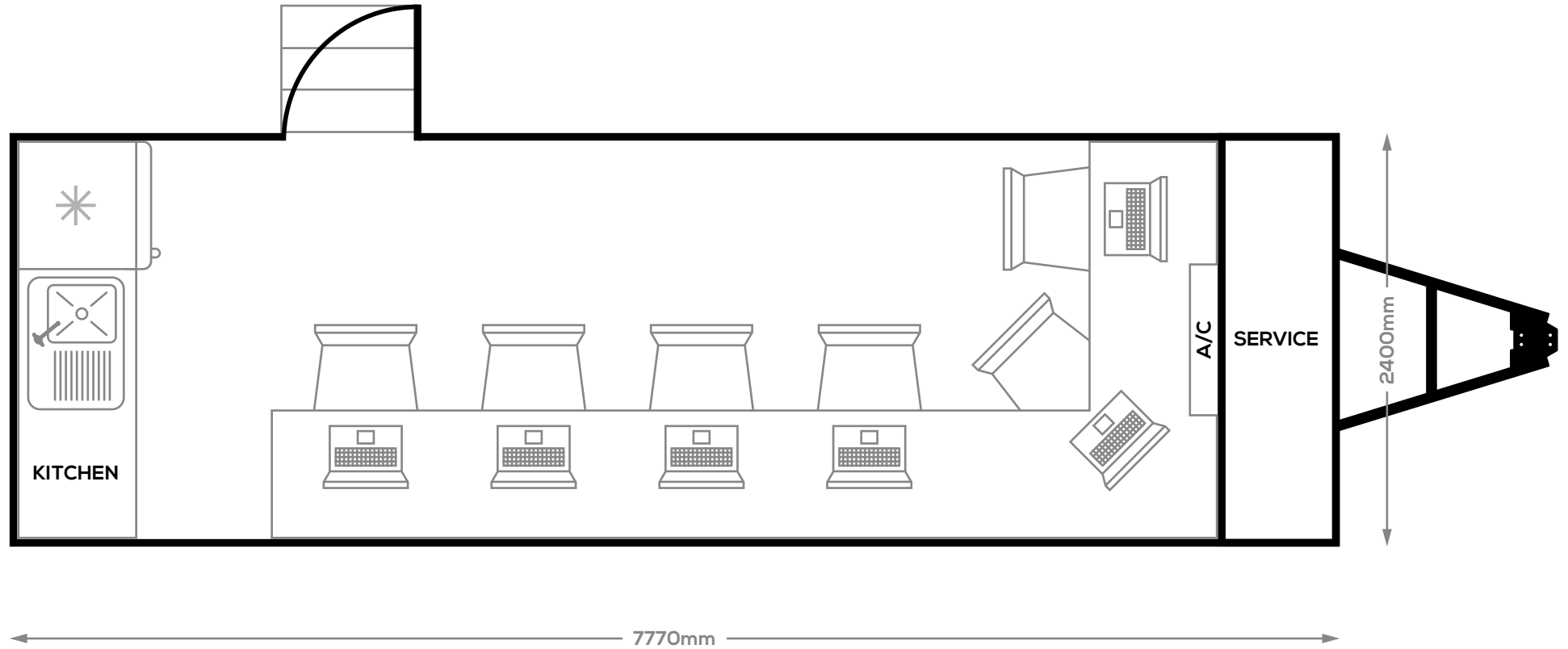


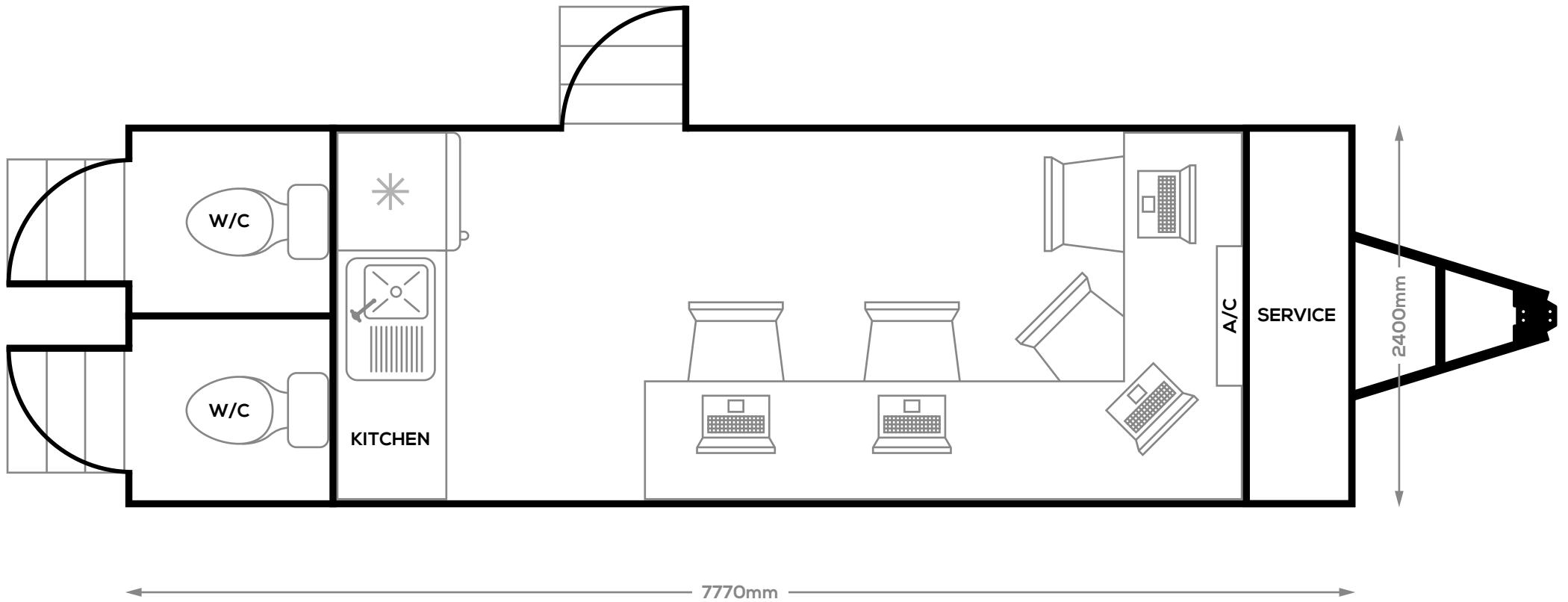
Noise Pollution

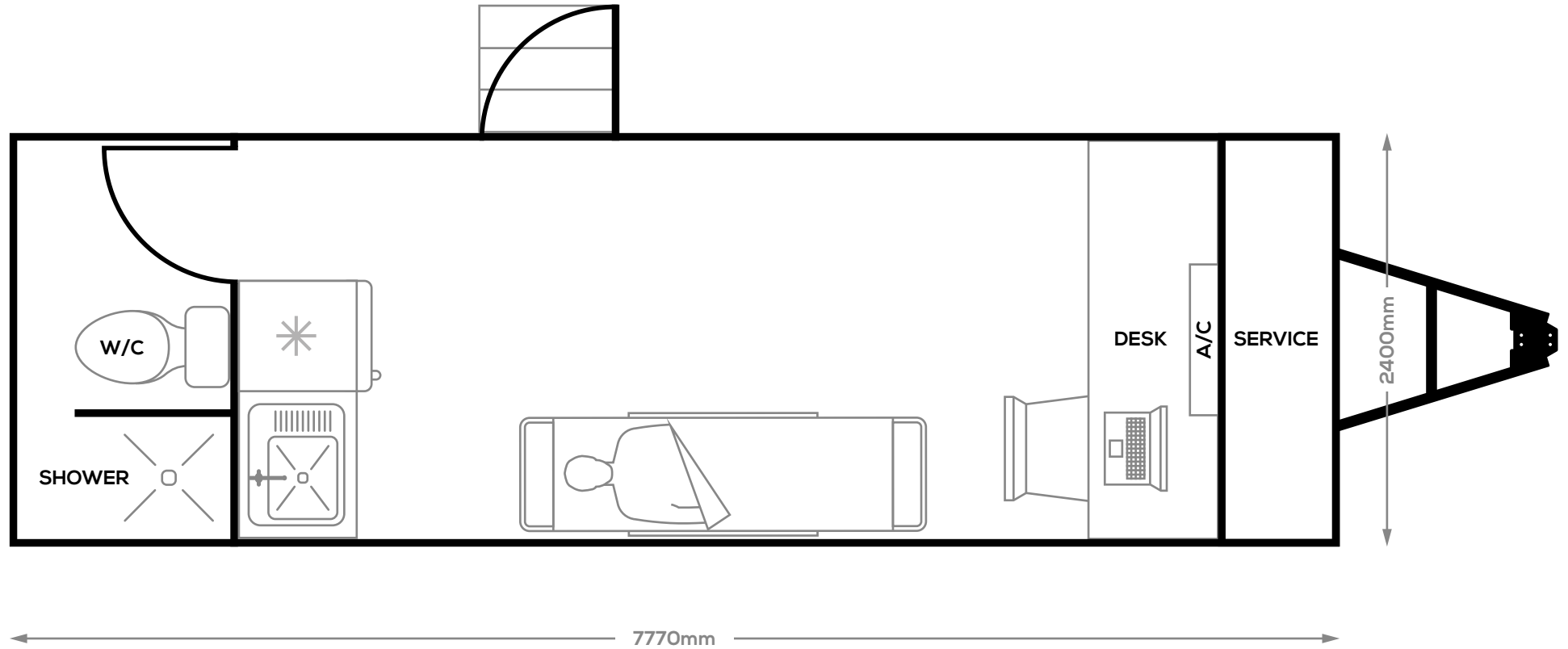
Respect all EPA guidelines for noise pollution with smart generator scheduling

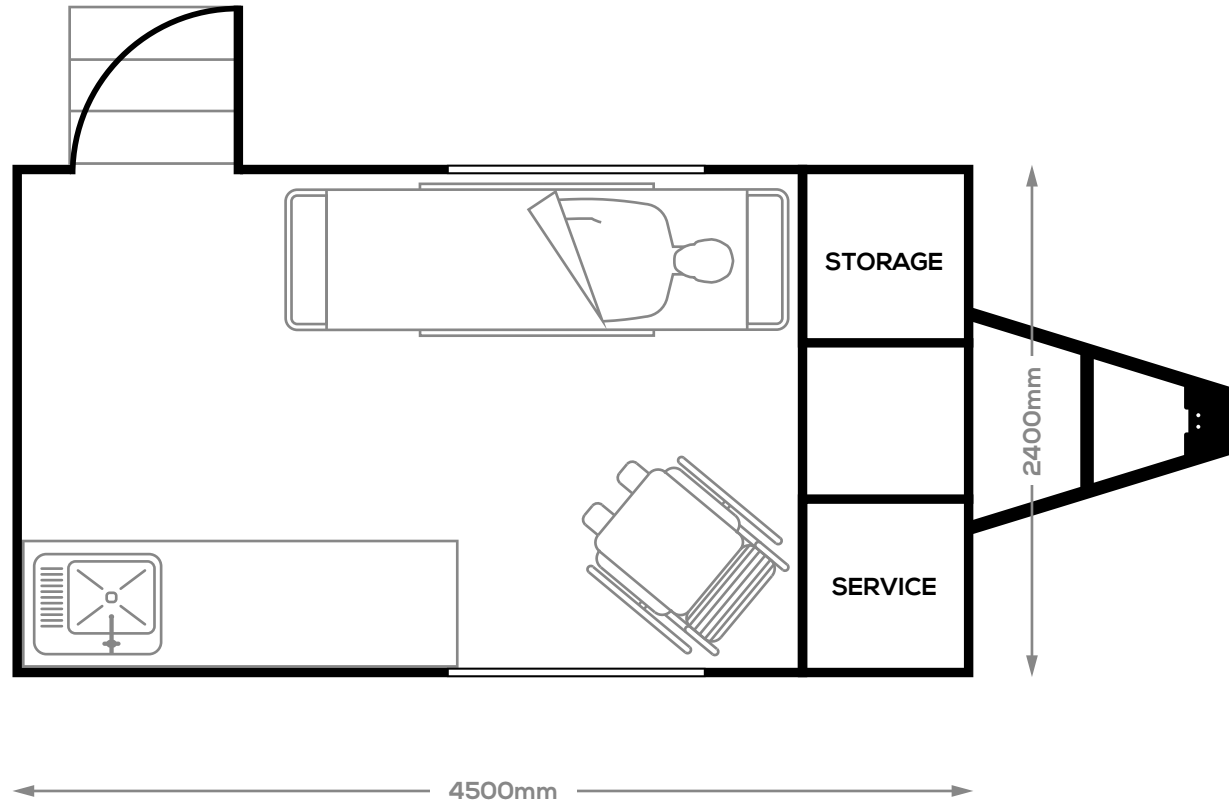


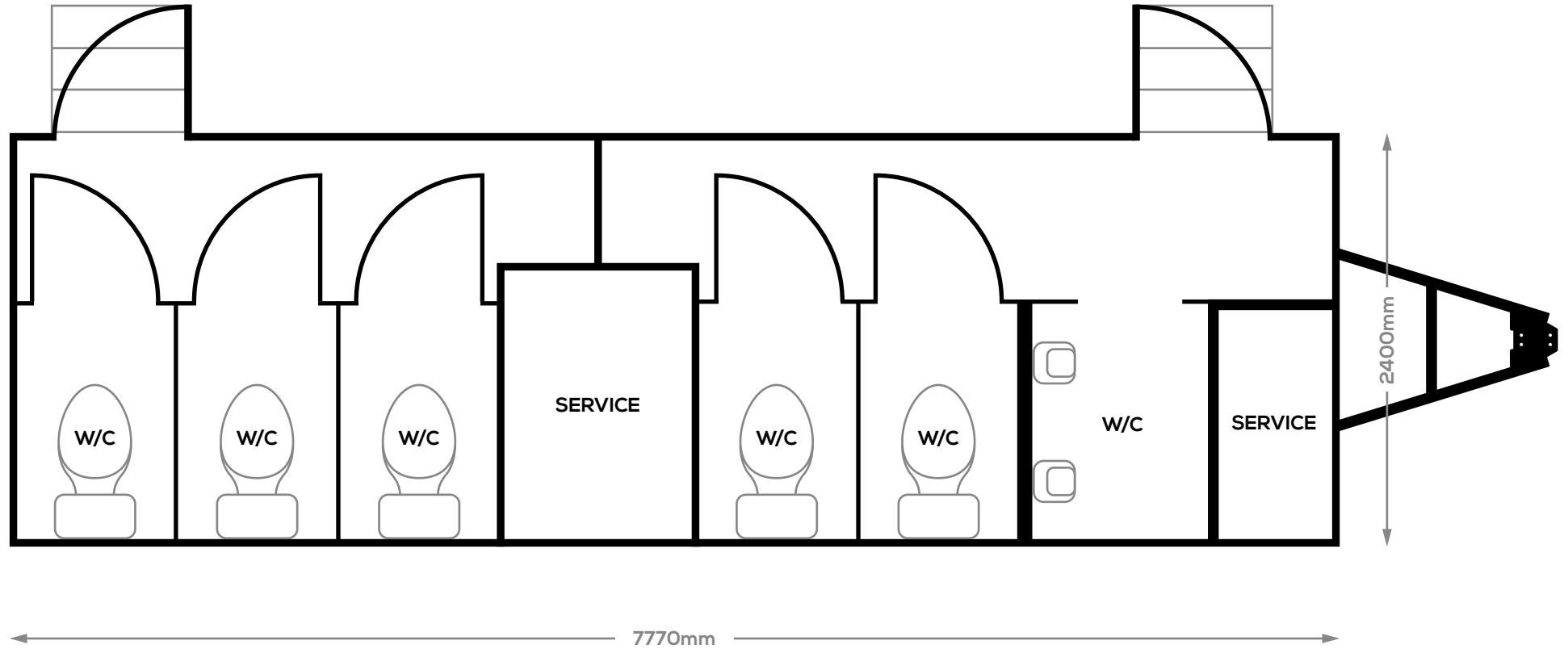












ECOSITE Power Plant Specifications

BATTERY

- Latest Lithium chemistry NMC
- 14.3kWh battery capacity
- 51.4VDC nominal voltage
- Operating temperature: -10C to +55C
- Life Cycle: 12+ Years
- Battery System Mass: Approx. 120kg
- Balancing: Passive Cell
- Certified Cellular level to:
 - IEC 62619:2017, UN38.3, GB/T31484-2015,
 - UL1642:2012
 - Passes automotive cyclic corrosion test (GB/T 31467.3)
- Safety:
 - Audible/visual thermal alarm in-cabin
 - Dual extinguisher for asset protection
 - Fully external mounted battery
- Environmental:
 - Manufactured to ISO14001
 - EOL Recycler program in-place
 - 97% recyclable content

POWER INVERTER

- 230VAC true sinewave inverter
- Rated to start industrial equipment like:
 - Air compressors, welders and drop saws
 - 7kW for 10 seconds, 10kW for 3 seconds
- Utilises latest RCD protection devices RVD-Safe™
- Supports up to 4kW Solar
- Supports up to 4kW mains grid charging
- Plug-n-play easy fit/service solution

POWER GENERATOR (CHARGING ONLY)

- 230VAC true sinewave inverter generator
- 2.6kW continuous supply
- National Parks approved spark arrested
- Quiet operation
- Petrol or Diesel option available

CONNECTIVITY MANAGEMENT

- Monitor all essentials on PC/mobile
- OzXcorp SmartStart™ Pollution Mitigation
 - Align to EPA Noise Timetable
 - Predictive Solar Harvesting
 - Predictive power usage
 - Work shift scheduling
- Auto call-out services and alerts
 - Reduced downtime
 - Reduce unwarranted site visits
 - Improve up-time of site amenities



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