

LOW  
EMISSION  
POWER

# Multi-GenPower

## 1320 kVA

### 40ft Twin Engine Containerised Unit



**STAGE** ✓  
LOW EMISSIONS CERTIFIED

- Optimised fuel efficiency with intelligent load management
- Potential to service without loss of supply (load dependant)
- Fuel consumption: 115 litres per hour, based on 50% load \*
- Sound pressure level - TBC
- Stage V certified for emissions compliance
- 24/7 remote monitoring via MEMS Connect

\*historical fleet load profile data shows that load averages less than 50% of generator output capacity.

**Connect**

The MEMS telemetry system Connect is our bespoke cloud solution that connects our fleet in the field to our 24-hour control room, ensuring maximum uptime and scalable performance.

In addition to providing our customers with an unparalleled 24-hour monitoring service, MEMS offer round-the-clock live diagnostic information to engineers and technicians in the field.



- Daily health check monitoring
- Not-in-Auto alarms for standby applications
- Internal and external fuel tank monitoring and theft detection
- Advanced SCADA Instrumentation

Connect comes as standard across the entire MEMS fleet.

**MEMS**  
POWER GENERATION

## KEY FACTS

- Ultra low emissions
- Featuring 2 x 660 kVA Stage V engines
- Total 1320 kVA output in a 40 ft containerised unit
- Large 6,000 litre integrated fuel tank
- 1,500 litre AdBlue tank
- SCR only (no DPF or DOC)
- Single or twin-engine operational modes
- Load sharing & load-on-demand capabilities
- Multi set synchronisation
- Dual-frequency compatibility
- Diesel & HVO fuel options for sustainability
- Enhanced fuel efficiency
- Sound pressure level (LpA) 70 dB(A) at 7m

CLEANER  
OPTIONS



TRACKING &  
TELEMETRY



REMOTE FUEL  
MANAGEMENT



24 HOUR  
RESPONSE TEAM



DISASTER  
RECOVERY

### Exhaust Emissions

NOx – 0.34 g/kWh	CO – 0.086 g/kWh
PM – 0.024 g/kWh	HC – 0.014 g/kWh

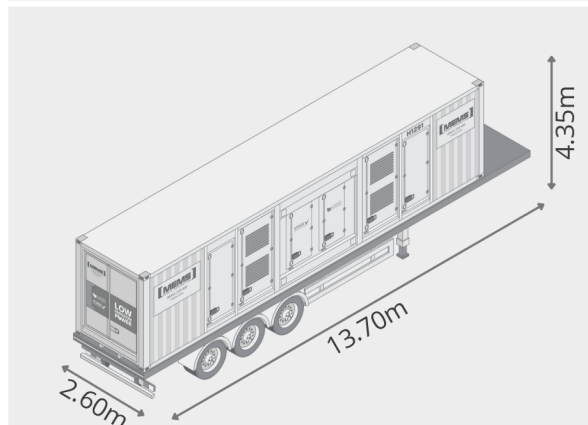
### Weight

Weight with Tractor Unit – 41,000Kgs

Weight without Tractor Unit – 32,000Kgs

### Dimensions

Height – 4.35m	Width – 2.60m
Length – 13.70m	



\*Disclaimer: Speciation may change without prior notice

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## POWER UP SUSTAINABLY: MAKE THE GREENER CHOICE.

**Hire Clean, Make an Impact: Go Green with Cleaner Options.**

At MEMS, we believe that every business has a responsibility to reduce its carbon footprint and actively contribute to a cleaner, healthier planet. That's why we've invested heavily in new technologies and cleaner fuel alternatives through our Cleaner Options. Our team is dedicated to helping you reach your sustainability targets by providing tailored solutions that meet your specific needs and requirements.

### Commitment to Sustainable Innovation: Advancing Clean Energy Solutions for a Better Future

#### HVO

##### A Greener Fuel

MEMS offers hydrotreated vegetable oil (HVO) as a cleaner alternative to traditional diesel fuel. HVO is made from 100% renewable raw materials collected from waste and residues and has the potential to reduce greenhouse gas emissions by up to 90%. The adoption of HVO fuel can make a significant difference in reducing emissions and is a step towards a more sustainable future.

#### BATTERY HYBRID

##### Reduce Fuel Use & Emissions

Our advanced battery storage solutions offer a cutting-edge and cost-effective way for businesses to enhance efficiency and sustainability while lowering emissions and minimising noise pollution. Our adaptable battery fleet seamlessly integrates into existing generator systems, providing full control over energy consumption and working towards your sustainability goals.

#### LOAD ON DEMAND

##### A Cleaner Solution to Deliver Scalable Power

With MEMS Load on Demand, you can have a reliable power supply that adjusts to your business's changing needs. This smart solution ensures that you only use the power you need, when you need it, reducing your emissions, fuel consumption and costs.

