

500kVA

Stage V Generator



Power Capacity 440 kw	50 / 60Hz available 50/60 Hz
Fuel Consumption at 70% 50Hz 83.1 l/h	Running on internal day tank at 70% 12 hrs
Weight 6,970 kg	Noise at 7 metres 75 dB
Dimensions (LxWxH) 4.98 x 1.90 x 2.55 m	

POWER

Standby (kVA) 585 kVA	Continuous (kVA) 550 kVA	50 / 60Hz available 50/60 Hz
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MOTORS

Engine Model DC13	Noise at 7 metres 75 dB
Engine Manufacturer Scania	Alternator Manufacturer Stamford

WEIGHT

Dry (kg) 6,970 kg
Weight (kg) 7,870 kg

FLUIDS

FLUID CAPACITIES	FLUID CONSUMPTION	OPERATIONAL HOURS
Fuel (Litres) 999 Litres	Fuel Consumption at 70% 50Hz 83.1 l/h	Running on internal day tank at 70% 12 hrs
AdBlue (Litre) 60 Litres	AdBlue per hour at 70% (litre) 6.9 l/h	

CAPABILITY:

- Compliant Stage V engine technology
 - Synchronisation & Load on Demand capable
 - Remote monitoring enabled
- Hot dipped galvanised powder coated canopy
- Central lifting point
- Forklift pockets
- Fully bunded (all liquids)
- Bund alarm to avoid any external leaks
- 3-way fuel valve for external fuel tank connection

CONTROL & ELECTRICAL/MECHANICAL PROTECTION:

- DeepSea 8610 MKII generator controller
- 4 pole circuit breaker with earth leakage protection
- Hardwire with microswitch protection over busbar door
- Battery isolator
- Emergency Stop
- Engine safety protection shutdown alarm
- DPF filter

ELECTRICAL CONNECTION

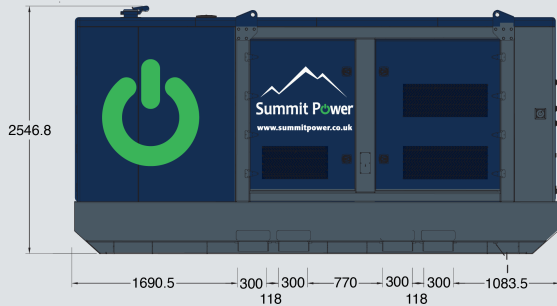
Outgoing Electrical Connections		
4 x 32A 1Φ	1 x 63A 3Φ	1 x 125A 3Φ

DIMENSIONS

Dimensions (LxWxH)
4.98 x 1.90 x 2.55 m

500KVA - STAGE V GENERATOR

DIMENSIONS



LATERAL LEFT VIEW



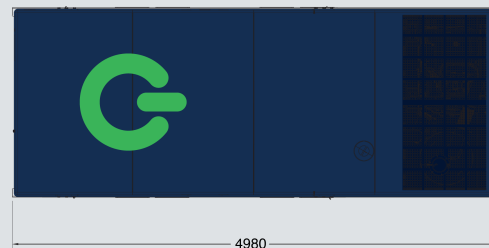
LATERAL RIGHT VIEW



FRONT VIEW



REAR VIEW



UPPER VIEW



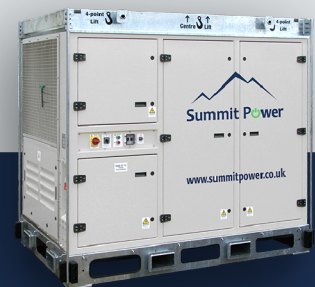
COMPREHENSIVE POWER SOLUTIONS ACROSS THE UK



BATTERY ENERGY STORAGE SYSTEM



FUEL MANAGEMENT



LOAD BANKS

