

# 500kVA

## Stage V Generator



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

### POWER

Standby (kVA) <b>585 kVA</b>	Continuous (kVA) <b>550 kVA</b>	50 / 60Hz available <b>50/60 Hz</b>
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### MOTORS

Engine Model <b>DC13</b>	Noise at 7 metres <b>75 dB</b>
Engine Manufacturer <b>Scania</b>	Alternator Manufacturer <b>Stamford</b>

### WEIGHT

Dry (kg) <b>6,970 kg</b>
Weight (kg) <b>7,870 kg</b>

### 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

### FLUIDS

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

### ELECTRICAL CONNECTION

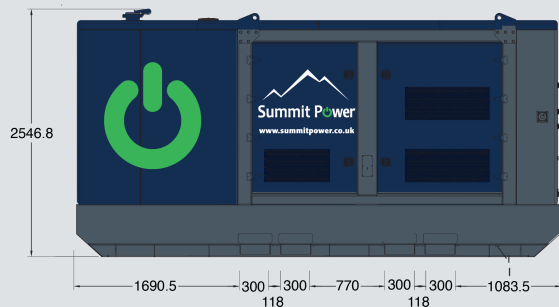
Outgoing Electrical Connections		
<b>4 x 32A 1Φ</b>	<b>1 x 63A 3Φ</b>	<b>1 x 125A 3Φ</b>

### DIMENSIONS

Dimensions (LxWxH)
<b>4.98 x 1.90 x 2.55 m</b>

# 500KVA - STAGE V GENERATOR

## DIMENSIONS



LATERAL LEFT VIEW



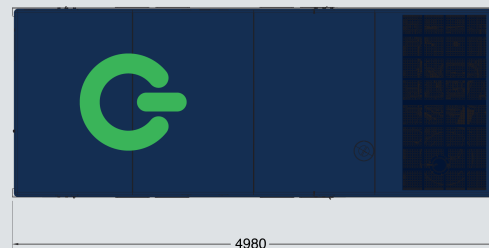
LATERAL RIGHT VIEW



FRONT VIEW



REAR VIEW



UPPER VIEW



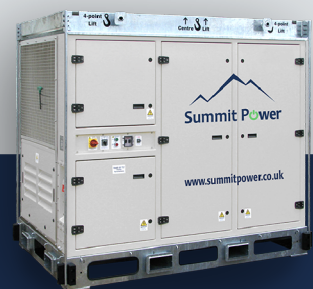
## COMPREHENSIVE POWER SOLUTIONS ACROSS THE UK



BATTERY ENERGY STORAGE SYSTEM



FUEL MANAGEMENT



LOAD BANKS

