

# 100kVA

## Stage V Generator



Power Capacity <b>90 kw</b>	50 / 60Hz available <b>50 Hz</b>
Fuel Consumption at 70% 50Hz <b>17 l/h</b>	Running on internal day tank at 70% <b>25 hrs</b>
Weight <b>1,680 kg</b>	Noise at 7 metres <b>67 dB</b>
Dimensions (LxWxH) <b>2.55 x 1.13 x 1.64 m</b>	

### POWER

Standby (kVA) <b>110 kVA</b>	Continuous (kVA) <b>100 kVA</b>	50 / 60Hz available <b>50 Hz</b>
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### MOTORS

Engine Model <b>KDI3404TCR</b>	Noise at 7 metres <b>67 dB</b>
Engine Manufacturer <b>Kohler</b>	Alternator Manufacturer <b>Leroy Sommer</b>

### WEIGHT

Dry (kg) <b>1,680 kg</b>
Weight (kg) <b>1,980 kg</b>

### FLUIDS

FLUID CAPACITIES	FLUID CONSUMPTION	OPERATIONAL HOURS
Fuel (Litres) <b>275 Litres</b>	Fuel Consumption at 70% 50Hz <b>17 l/h</b>	Running on internal day tank at 70% <b>25 hrs</b>
AdBlue (Litre) <b>36 Litres</b>	AdBlue per hour at 70% (litre) <b>1.3 l/h</b>	

### ELECTRICAL CONNECTION

Outgoing Electrical Connections  
**1 x 125A 3Φ**

### CAPABILITY:

- Compliant Stage V engine technology
  - Synchronisation & Load on Demand capable
  - Remote monitoring enabled
- Hot dipped galvanised powder coated canopy
- Road towable
- 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:

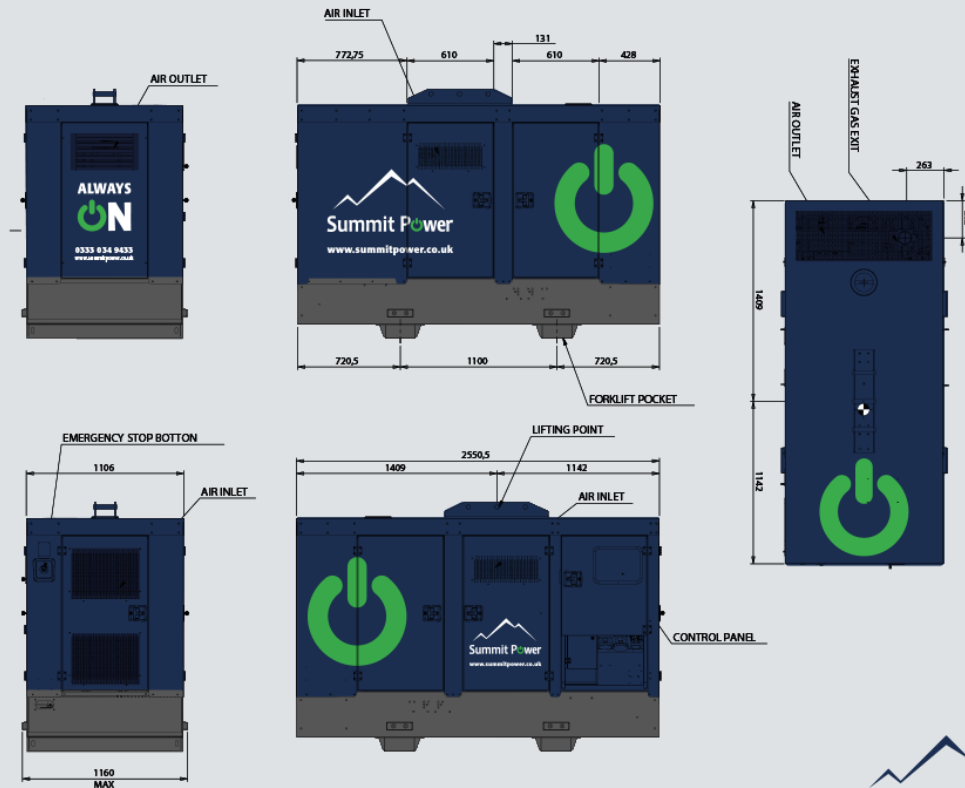
- DeepSea 8610 MKII generator controller
- Motorised 4 pole circuit breaker with earth leakage protection
- Hardwire with microswitch protection over busbar door
- Battery isolator
- Emergency Stop
- Engine safety protection shutdown alarm
- DPF filter complete with LED status display

### DIMENSIONS

Dimensions (LxWxH)  
**2.55 x 1.13 x 1.64 m**

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## DIMENSIONS



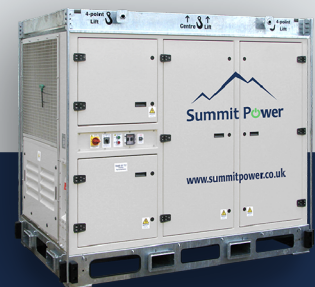
## COMPREHENSIVE POWER SOLUTIONS ACROSS THE UK



BATTERY ENERGY STORAGE SYSTEM



FUEL MANAGEMENT



LOAD BANKS

