

# 100kVA GENERATOR

G100RS V



- 100kVA Prime Rated
- 110kVA Standby Rated
- Stage V
- CEE Form outlets
- 50/60hz Switchable
- Bunded
- 260l Internal Fuel Tank
- 3 Way Fuel Valve

Emissions Standard

STAGE V

## Features

- 100kVA prime rated diesel generator
- JCB Dieselmex engine
- External DEF (AdBlue) connection
- Synchronisation capable
- Central lift & fork pockets
- Battery charger
- 8610 mk2 control panel
- Adjustable earth leakage relay
- 1 x 125A, 63A, 32A three phase sockets
- 1 x 16A , 2 x 32A single phase sockets
- Road tow option available

## Weight

Wet **2,750kg**

Dry **2,534kg**

## Electrical

Frequency (Hz)	Phase	Voltage (V)	Prime			Standby			dB (7m)	Rated Speed (RPM)
			kVA	kW	Amps	kVA	kW	Amps		
50	3	400/230V	100	80	144.3	110	88	158.8	70	1500
60	3	480/277V	100	80	151.9	110	88	167.1		1800

**Prime:** This rating is for the supply of continuous electrical power, at variable load, in lieu of commercially purchase power. There is no limitation on the annual hours of operation and 10% over load power can be supplied for 1 hour in 12.

**Standby:** Standby Power (ESP) is the maximum output available, for up to 200 hours per year, where the average load (variable) does not exceed 70% of the standby power rating. No overload is available.

## Exhaust Emissions

NOx (Oxides of Nitrogen)	PM (Particulate Matter)	CO (Carbon Monoxide)	HC (Unburnt Hydrocarbons)
0.145 g/kWh	0.0002 g/kWh	0.038 g/kWh	0.005 g/kWh

## FUEL MANAGEMENT

Livelinek telemetry allows us to remotely monitor



**Generator performance**  
- keeping the load balanced



**Fuel levels**



**Instant Alerts**  
- quick reaction to unit issues



**Generator location**



**Full utilisation information**



Stage V



Livelinek



HVO Fuel  
Compatible



Fuel  
Management

## Fuel Consumption

Load	50Hz	L/h	23.4
100% Load Prime	50Hz	L/h	23.4
75% Load Prime		L/h	17.6
50% Load Prime		L/h	11.4
100% Load Standby		L/h	24.9

## DEF (AdBlue) System

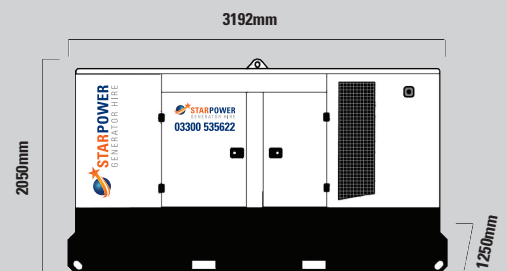
DEF consumption @ 75% load (% of fuel)	9.4
DEF internal tank capacity (total volume) L	17

## Dimensions

Height **2050mm**

Width **1250mm**

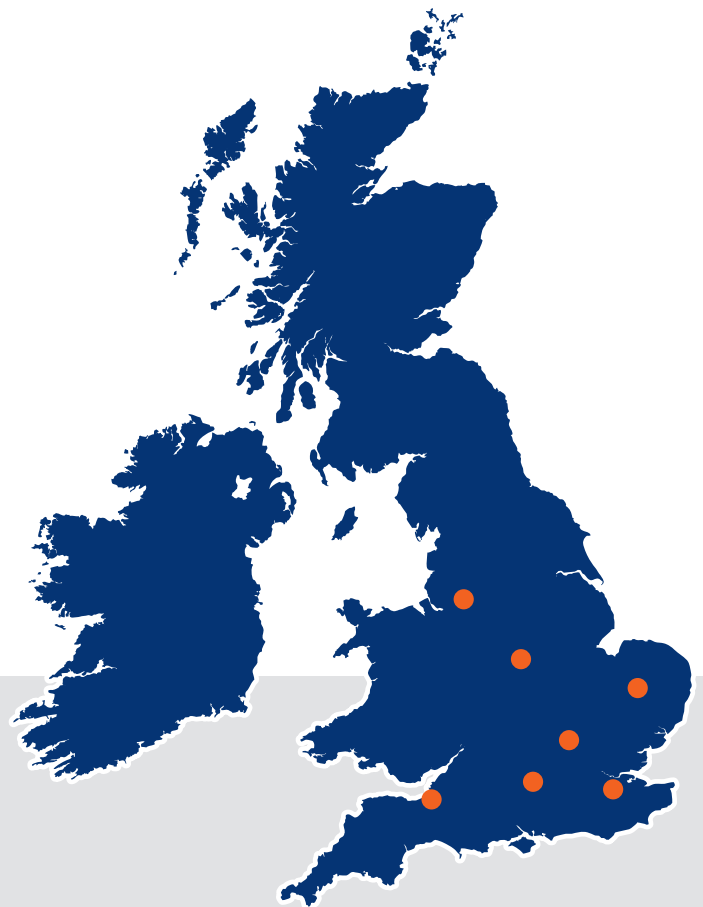
Length **3192mm**



03300 535622 | hire@star-power.co.uk | www.star-power.co.uk

## Our Services

- Generator hire / sales / maintenance
- Contained, secure, anti vandal powerpod generators
- Electrical installations/ decommissioning
- Fuel bowser hire
- Secure fuelpod
- Site surveys & lighting
- Electrical inspection & testing
- Engineering design consultancy and solutions



**03300 535622**

[hire@star-power.co.uk](mailto:hire@star-power.co.uk)

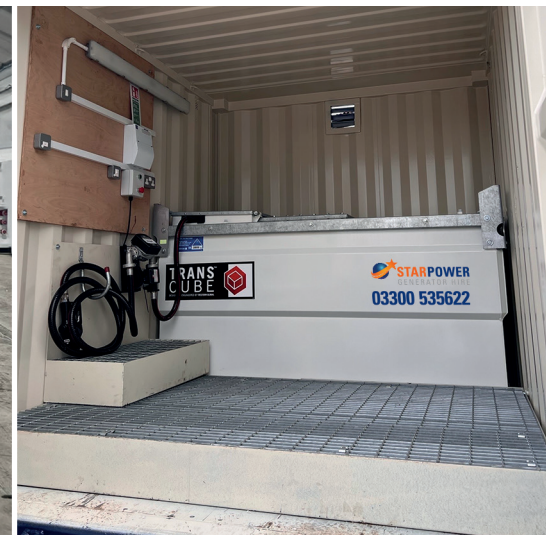
[www.star-power.co.uk](http://www.star-power.co.uk)



**GENERATORS**



**BATTERY STORAGE**



**FUEL SERVICES**