



TECHNICAL OVERVIEW

MODEL	GC1000S
PRIME POWER	1000 kVA / 800 kW
STANDBY POWER	1100 kVA / 880 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	1000 LTR

ENGINE

MANUFACTURER	CUMMINS
ENGINE MODEL	KTA38G5
CYLINDER/ CAPACITY	12 CYL / 37.8 LTR
INDUCTION	TURBO AFTER COOLED
FUEL CONSUMPTION	201 L/HR @ 100% LOAD 145 L/HR @ 75% LOAD 109 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	135 LTR
COOLANT CAPACITY	199 LTR

FEATURES

SILENCED CONTAINER- 85 dB(A) @ 7M
EXTERNAL FUEL CONNECTION
BUNDED DAY FUEL TANK - 6.89 HOUR RUN TIME @ 75% LOAD
DEEPSEA 8610 SYNCHRONISING CONTROLLER
BATTERY CHARGER AND ISOLATOR

CONTROLS

BRAND AND MODEL	DEEPSEA 8610 MKII
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR

BRAND AND MODEL	STAMFORD S6L1D-H
TYPE	BRUSHLESS / AVR
HARMONIC DISTORTION	LESS THAN 5%
INSULATION CLASS	CLASS H

OPTIONS

OUTLETS
MINE SPEC
JACKET WATER HEATER
EXTERNAL FUEL CONNECTION
AUTO TRANSFER SWITCHES (ATS)

DIMENSIONS

LENGTH / WIDTH / HEIGHT	605.8 CM/ 243.8 CM / 289.6CM
WEIGHT (DRY)	15500 KG

PRIME POWER (PRP): Continuous operation at variable load unlimited hours per year, with an average load factor of 75%. 10% overload capability is 1 hour in a 12 hour period of operation.

STANDBY POWER RATING (ESP): Emergency power supply with an average load factor of 85%. No overload capability. Limited to 400 hours per year.

