



TECHNICAL OVERVIEW

MODEL	GC100S
PRIME POWER	100 kVA / 80 kW
STANDBY POWER	110 kVA / 88 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	540 LTR

ENGINE

MANUFACTURER	CUMMINS
ENGINE MODEL	6BT5.9G2
CYLINDER/ CAPACITY	6 CYL / 5.9 LTR
INDUCTION	TURBOCHARGED
FUEL CONSUMPTION	22 L/HR @ 100% LOAD 17 L/HR @ 75% LOAD 11 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	14.2 LTR
COOLANT CAPACITY	29.7 LTR

FEATURES

SILENCED CANOPY – 70.1 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 32 HOUR RUN TIME @ 75% LOAD
CANOPY – GALVANISED POWDER COAT
BATTERY CHARGER AND ISOLATOR

CONTROLS

BRAND AND MODEL	DEEPSEA 7420 MKII
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR

BRAND AND MODEL	STAMFORD UCI274C
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	297 CM / 117.2 CM / 180.3 CM
WEIGHT (DRY)	2081 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.

