



TECHNICAL OVERVIEW

MODEL	GC40S-1
PRIME POWER	40 kVA / 34.4 kW
STANDBY POWER	44 kVA / 37 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	SINGLE PHASE / 240V
FUEL CAPACITY	270 LTR

ENGINE

MANUFACTURER	CUMMINS
ENGINE MODEL	4BT3.9G1
CYLINDER/ CAPACITY	4 CYL / 3.9 LTR
INDUCTION	TURBOCHARGED
FUEL CONSUMPTION	9.3 L/HR @ 100% LOAD 7.3 L/HR @ 75% LOAD 4.65 L/HR @ 50% LOAD
GOVERNOR	MECHANICAL
OIL CAPACITY	10.9 LTR
COOLANT CAPACITY	20.8 LTR

FEATURES

SILENCED CANOPY – 67.5 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 37 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 S1L2-N1
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	258.8 CM / 111.5 CM / 171 CM
WEIGHT (DRY)	1410 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.

