



TECHNICAL OVERVIEW

MODEL	GCM313S
PRIME POWER	313 kVA / 250 kW
STANDBY POWER	350 kVA / 280 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	1250 LTR

ENGINE

MANUFACTURER	CUMMINS
ENGINE MODEL	6LTA9.5G2
CYLINDER/ CAPACITY	6 CYL / 9.5 LTR
INDUCTION	TURBO AFTER COOLED
FUEL CONSUMPTION	69 L/HR @ 100% LOAD 51 L/HR @ 75% LOAD 35 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	38.6 LTR
COOLANT CAPACITY	45 LTR

FEATURES

SILENCED CANOPY – 75 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS “HOT DIPPED GALVANISED”
BUNDED FUEL TANK – 24 HOUR RUN TIME @ 75% LOAD
CANOPY – GALVANISED POWDER COAT
BATTERY CHARGER AND ISOLATOR

CONTROLS

BRAND AND MODEL	DEEPSEA 7320 MKII
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR

BRAND AND MODEL	MECC ALTE DCO38-3L4A
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	433 CM / 141.2 CM / 235.3 CM
WEIGHT (DRY)	4510 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.

