



TECHNICAL OVERVIEW

MODEL	GCM500S
PRIME POWER	500 kVA / 400 kW
STANDBY POWER	550 kVA / 440 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	2200 LTR

ENGINE

MANUFACTURER	CUMMINS
ENGINE MODEL	QSZ13-G3
CYLINDER/ CAPACITY	6 CYL / 13 LTR
INDUCTION	TURBO AFTER COOLED
FUEL CONSUMPTION	101 L/HR @ 100% LOAD 74.2 L/HR @ 75% LOAD 48.9 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	75.3 LTR
COOLANT CAPACITY	77 LTR

FEATURES

SILENCED CANOPY – 77dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS “HOT DIPPED GALVANISED”
BUNDED FUEL TANK – 29 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 ECO40-3S4A
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	460 CM / 170 CM / 260 CM
WEIGHT (DRY)	5900 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.

