



TECHNICAL OVERVIEW	
MODEL	GCM344S
PRIME POWER	344 kVA / 275 kW
STANDBY POWER	375 kVA / 344 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	1700 LTR

ENGINE	
MANUFACTURER	CUMMINS
ENGINE MODEL	NTA855G2A
CYLINDER/ CAPACITY	6 CYL / 8.5 LTR
INDUCTION	TURBO AFTER COOLED
FUEL CONSUMPTION	71 L/HR @ 100% LOAD 54 L/HR @ 75% LOAD 38 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	DEESEA 7320 MKII
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR	
BRAND AND MODEL	MECC ALTE ECO38-2L4C
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.

