



TECHNICAL OVERVIEW

MODEL	LG80C
PRIME POWER	80 kVA / 64 kW
STANDBY POWER	88 kVA / 70.4 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	315 LTR

ENGINE

MANUFACTURER	CUMMINS
ENGINE MODEL	4BTA3.9G11
CYLINDER/ CAPACITY	4 CYL / 3.9 LTR
INDUCTION	TURBO AFTER COOLED
FUEL CONSUMPTION	17.6 L/HR @ 100% LOAD 13.2 L/HR @ 75% LOAD 9.1 L/HR @ 50% LOAD
GOVERNOR	MECHANICAL
OIL CAPACITY	10.9 LTR
COOLANT CAPACITY	19.7 LTR

FEATURES

SILENCED CANOPY – 73 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 23 HOUR RUN TIME @ 75% LOAD
CANOPY – GALVANISED POWDER COAT
BATTERY CHARGER AND ISOLATOR
OUTLETS – 2 x 15 AMP 240V, 1 x 32 AMP 415V

CONTROLS

BRAND AND MODEL	DEESEA 6120
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR

BRAND AND MODEL	LEROY SOMER TAL-A44-E
TYPE	BRUSHLESS / AVR
HARMONIC DISTORTION	LESS THAN 5%
INSULATION CLASS	CLASS H

OPTIONS

ADDITIONAL OUTLETS
MINE SPEC
JACKET WATER HEATER
EXTERNAL FUEL CONNECTION
AUTO TRANSFER SWITCHES (ATS)

DIMENSIONS

LENGTH / WIDTH / HEIGHT	253.8 CM / 100 CM / 166 CM
WEIGHT (DRY)	1307 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.



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