



TECHNICAL OVERVIEW

MODEL	LG60C-1
PRIME POWER	60 kVA / 48 kW
STANDBY POWER	66 kVA / 52.7 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	SINGLE PHASE / 240 VOLT
FUEL CAPACITY	230 LTR

ENGINE

MANUFACTURER	CUMMINS
ENGINE MODEL	4BTA3.9G2
CYLINDER/ CAPACITY	4 CYL / 3.9 LTR
INDUCTION	TURBO AFTER COOLED
FUEL CONSUMPTION	13.1 L/HR @ 100% LOAD 9.8 L/HR @ 75% LOAD 6.7 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	11 LTR
COOLANT CAPACITY	15 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

CONTROLS

BRAND AND MODEL	DEESEA 6120
CIRCUIT BREAKER	TWO POLE

ALTERNATOR

BRAND AND MODEL	STAMFORD UCi224D
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	238.8 CM / 100 CM / 157.5 CM
WEIGHT (DRY)	1200 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.

