LG100C
110 kVA CUMMINS POWERED

TECHNICAL OVERVIEW	
MODEL	LG100C
PRIME POWER	100 kVA / 80 kW
STANDBY POWER	110 kVA / 88 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	450 LTR

ENGINE	
MANUFACTURER	CUMMINS
ENGINE MODEL	6BT5.9G2
CYLINDER/ CAPACITY	6 CYL / 5.9 LTR
INDUCTION	TURBOCHARGED
FUEL CONSUMPTION	22 L/HR @ 100% LOAD 17 L/HR @ 75% LOAD 11 L/HR @ 50% LOAD
GOVERNOR	MECHANICAL
OIL CAPACITY	16 LTR
COOLANT CAPACITY	19.7 LTR

FEATURES
SILENCED CANOPY – 73 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 26 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	DEEPSEA 61120
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	293.8 CM / 108 CM / 190 CM
WEIGHT (DRY)	2081 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.

Materials and specifications are subject to change. Specification sheets are current as of 30/6/2025.