



TECHNICAL OVERVIEW

MODEL	GK18S-1
PRIME POWER	18 kVA / 14.4 kW
STANDBY POWER	19.8 kVA / 15.87 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	SINGLE PHASE / 240V
FUEL CAPACITY	120 LTR

ENGINE

MANUFACTURER	KUBOTA
ENGINE MODEL	D1803-BG
CYLINDER/ CAPACITY	3 CYL / 1.826 LTR
INDUCTION	NATURALLY ASPIRATED
FUEL CONSUMPTION	3.9 L/HR @ 100% LOAD 3 L/HR @ 75% LOAD 2 L/HR @ 50% LOAD
GOVERNOR	MECHANICAL
OIL CAPACITY	7.6 LTR
COOLANT CAPACITY	12 LTR

FEATURES

SILENCED CANOPY – 64.8 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 40 HOUR RUN TIME @ 75% LOAD
CANOPY – GALVANISED POWDER COAT
BATTERY CHARGER AND ISOLATOR
OUTLOOK – 4 x 15 AMP 240V

CONTROLS

BRAND AND MODEL	DEESEA 4520 MKII
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR

BRAND AND MODEL	LEROY SOMER LSA42
TYPE	BRUSHLESS / AVR
HARMONIC DISTORTION	LESS THAN 5%
INSULATION CLASS	CLASS H

OPTIONS

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

DIMENSIONS

LENGTH / WIDTH / HEIGHT	193.2 CM / 83 CM / 126.2 CM
WEIGHT (DRY)	755 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.