



TECHNICAL OVERVIEW

MODEL	GK23S-1
PRIME POWER	23 kVA / 18.4 kW
STANDBY POWER	25.3 kVA / 20.24 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	V2203-BG
CYLINDER/ CAPACITY	4 CYL / 2.434 LTR
INDUCTION	NATURALLY ASPIRATED
FUEL CONSUMPTION	5.5 L/HR @ 100% LOAD 4.1 L/HR @ 75% LOAD 2.8 L/HR @ 50% LOAD
GOVERNOR	MECHANICAL
OIL CAPACITY	7.6 LTR
COOLANT CAPACITY	13 LTR

FEATURES

SILENCED CANOPY – 65.1 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 29 HOUR RUN TIME @ 75% LOAD
CANOPY – GALVANISED POWDER COAT
BATTERY CHARGER AND ISOLATOR
OUTLET – 4 x 15 AMP 240V

CONTROLS

BRAND AND MODEL	DEEPSEA 4520 MKII
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR

BRAND AND MODEL	LEROY SOMER LSA42.3S5
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	213.2 CM / 92.7 CM / 130.4 CM
WEIGHT (DRY)	832 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.

Kubota

LEROY-SOMER

DSE DEEP SEA ELECTRONICS