



TECHNICAL OVERVIEW

MODEL	GP1500S
PRIME POWER	1650 kVA / 1320 kW
STANDBY POWER	1500 kVA / 1200 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	2000 LTR

ENGINE

MANUFACTURER	PERKINS
ENGINE MODEL	4012-46TAG2A
CYLINDER/ CAPACITY	12 CYL / 45.8 LTR
INDUCTION	TURBO AFTERCOOLED
FUEL CONSUMPTION	300 L/HR @ 100% LOAD 230 L/HR @ 75% LOAD 160 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	177 LTR
COOLANT CAPACITY	201 LTR

FEATURES

SILENCED CANOPY – 77 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 8 HOUR RUN TIME @ 75% LOAD
CANOPY – GALVANISED POWDER COAT
BATTERY CHARGER AND ISOLATOR

CONTROLS

BRAND AND MODEL	DEEPSEA 7420 MKII
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR

BRAND AND MODEL	LEROY SOMER LSA50.2L8
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	12.19 CM / 244 CM / 316 CM
WEIGHT (DRY)	20220 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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