



TECHNICAL OVERVIEW

MODEL	GP1000
PRIME POWER	1000 kVA / 800 kW
STANDBY POWER	1100 kVA / 880 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V

ENGINE

MANUFACTURER	PERKINS
ENGINE MODEL	4008-TAG2A
CYLINDER/ CAPACITY	8 CYL / 30.6 LTR
INDUCTION	TURBO AFTERCOOLED
FUEL CONSUMPTION	194 L/HR @ 100% LOAD 142 L/HR @ 75% LOAD 97 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	153 LTR
COOLANT CAPACITY	105 LTR

FEATURES

HIGH AMBIENT COOLING PACKAGE
BATTERY CHARGER AND ISOLATOR
HEAVY DUTY SKID BASE

CONTROLS

BRAND AND MODEL	DEESEA 7420 MKII
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR

BRAND AND MODEL	LEROY SOMER LSA50.2S3
TYPE	BRUSHLESS / AVR
HARMONIC DISTORTION	LESS THAN 5%
INSULATION CLASS	CLASS H

OPTIONS

JACKET WATER AND ANTI-CONDENSATION HEATERS
SYNCHRONISING CONTROLLER OPTIONS
AUTO TRANSFER SWITCHES (ATS)

DIMENSIONS

LENGTH / WIDTH / HEIGHT	606 CM / 244 CM / 273 CM
WEIGHT (DRY)	11570 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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