



TECHNICAL OVERVIEW

MODEL	GP1250
PRIME POWER	1250 kVA / 1000 kW
STANDBY POWER	1375 kVA / 1100 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V

ENGINE

MANUFACTURER	PERKINS
ENGINE MODEL	4012-46TWG2A
CYLINDER/ CAPACITY	12 CYL / 45.8 LTR
INDUCTION	TURBO AFTERCOOLED
FUEL CONSUMPTION	258 L/HR @ 100% LOAD 196 L/HR @ 75% LOAD 141 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	203 LTR
COOLANT CAPACITY	155 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 LSA50.2M6
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	480 CM / 183 CM / 236 CM
WEIGHT (DRY)	8859 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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