



TECHNICAL OVERVIEW

MODEL	GP450
PRIME POWER	450 kVA / 360kW
STANDBY POWER	500 kVA / 400 Kw
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	980 LTR

ENGINE

MANUFACTURER	PERKINS
ENGINE MODEL	2506C-E15TAG1
CYLINDER/ CAPACITY	6 CYL / 15 LTR
INDUCTION	TURBO AFTER COOLED
FUEL CONSUMPTION	99 L/HR @ 100% LOAD 73 L/HR @ 75% LOAD 51 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	62 LTR
COOLANT CAPACITY	39 LTR

FEATURES

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

CONTROLS

BRAND AND MODEL	DEESEA 7420 MKII
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR

BRAND AND MODEL	LEROY SOMERS LSA47.2S5
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	357 CM / 115 CM / 214 CM
WEIGHT (DRY)	3672 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.

Powered by

