



TECHNICAL OVERVIEW

MODEL	GCM28S-1
PRIME POWER	28 kVA / 22 kW
STANDBY POWER	30 kVA / 24 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	SINGLE PHASE / 240V
FUEL CAPACITY	280 LTR

ENGINE

MANUFACTURER	CUMMINS
ENGINE MODEL	4B3.9G1
CYLINDER/ CAPACITY	4 CYL / 3.9 LTR
INDUCTION	NATURALLY ASPIRATED
FUEL CONSUMPTION	6.7 L/HR @ 100% LOAD 5.2 L/HR @ 75% LOAD 4 L/HR @ 50% LOAD
GOVERNOR	MECHANICAL
OIL CAPACITY	11 LTR
COOLANT CAPACITY	12.5 LTR

FEATURES

SILENCED CANOPY – 72 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS “HOT DIPPED GALVANISED”
BUNDED FUEL TANK – 54 HOUR RUN TIME @ 75% LOAD
CANOPY – GALVANISED POWDER COAT
BATTERY CHARGER AND ISOLATOR

CONTROLS

BRAND AND MODEL	DEESEA 7320 MKII
CIRCUIT BREAKER	SINGLE POLE

ALTERNATOR

BRAND AND MODEL	MECC ALTE ECP32-3S4
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	246 CM / 101 CM / 169.5 CM
WEIGHT (DRY)	1448 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.

