



### TECHNICAL OVERVIEW

MODEL	GC175S
PRIME POWER	175 kVA / 140 kW
STANDBY POWER	187 kVA / 149.6 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	1200 LTR

### ENGINE

MANUFACTURER	CUMMINS
ENGINE MODEL	6CTA8.3G2
CYLINDER/ CAPACITY	6 CYL / 8.3 LTR
INDUCTION	TURBO AFTER COOLED
FUEL CONSUMPTION	34 L/HR @ 100% LOAD 26 L/HR @ 75% LOAD 17 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	16.4 LTR
COOLANT CAPACITY	44 LTR

### FEATURES

SILENCED CANOPY – 72 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 46 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	STAMFORD UCI274G
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	331.2 CM / 117.2 CM / 197.4 CM
WEIGHT (DRY)	2257 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.

