GC180S
188 kVA CUMMINS POWERED



TECHNICAL OVERVIEW	
MODEL	GC180S
PRIME POWER	180 kVA / 144 kW
STANDBY POWER	188 kVA / 150 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	1000 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	10 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.

Materials and specifications are subject to change. Specification sheets are current as of 30/6/2025.

GP180S
198 kVA PERKINS POWERED



TECHNICAL OVERVIEW	
MODEL	GP180S
PRIME POWER	180 kVA / 144 kW
STANDBY POWER	198 kVA / 158 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	950 LTR

ENGINE	
MANUFACTURER	PERKINS
ENGINE MODEL	1106A-70TAG3
CYLINDER/ CAPACITY	6 CYL / 7.01 LTR
INDUCTION	NATURALLY ASPIRATED
FUEL CONSUMPTION	39.6 L/HR @ 100% LOAD 30.7 L/HR @ 75% LOAD 18.8 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	16.5 LTR
COOLANT CAPACITY	21 LTR

FEATURES
SILENCED CANOPY – 74 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 30 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	LEROY SOMER LSA46.3S2
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	346.8 CM / 114.2 CM / 209.3 CM
WEIGHT (DRY)	2823 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 Perkins LEROY-SOMER DSE DEEP SEA ELECTRONICS

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