GP500
550 kVA PERKINS POWERED



TECHNICAL OVERVIEW	
MODEL	GP500
PRIME POWER	500 kVA / 400 kW
STANDBY POWER	550 kVA / 440 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	2206C-E15TAG2
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	DEEPSEA 7420 MKII
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR	
BRAND AND MODEL	LEROY SOMERS LSA47.2M7
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	376.5 CM / 117 CM / 215 CM
WEIGHT (DRY)	3820 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

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

1300 305 912
sales@genelite.com.au

GP500S
545 kVA PERKINS POWERED



TECHNICAL OVERVIEW	
MODEL	GP500S
PRIME POWER	500 kVA / 400 kW
STANDBY POWER	545 kVA / 436 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	1600 LTR

ENGINE	
MANUFACTURER	PERKINS
ENGINE MODEL	2506A-E15TAG2
CYLINDER/ CAPACITY	6 CYL / 15.2 LTR
INDUCTION	TURBO AFTERCOOLED
FUEL CONSUMPTION	108 L/HR @ 100% LOAD 79 L/HR @ 75% LOAD 55 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	62 LTR
COOLANT CAPACITY	58 LTR

FEATURES
SILENCED CANOPY – 77.2 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 20 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 LSA47.2M7
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	458.6 CM / 156.4 CM/ 255.6 CM
WEIGHT (DRY)	5396 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

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

1300 305 912
sales@genelite.com.au

GP500
550 kVA PERKINS POWERED



TECHNICAL OVERVIEW	
MODEL	GP500
PRIME POWER	500 kVA / 400 kW
STANDBY POWER	550 kVA / 440 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	2206C-E15TAG2
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	DEEPSEA 7420 MKII
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR	
BRAND AND MODEL	LEROY SOMERS LSA47.2M7
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	376.5 CM / 117 CM / 215 CM
WEIGHT (DRY)	3820 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

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

1300 305 912
sales@genelite.com.au

GP500S
545 kVA PERKINS POWERED



TECHNICAL OVERVIEW	
MODEL	GP500S
PRIME POWER	500 kVA / 400 kW
STANDBY POWER	545 kVA / 436 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
TYPE	HEAVY DUTY
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	1600 LTR

ENGINE	
MANUFACTURER	PERKINS
ENGINE MODEL	2506A-E15TAG2
CYLINDER/ CAPACITY	6 CYL / 15.2 LTR
INDUCTION	TURBO AFTERCOOLED
FUEL CONSUMPTION	108 L/HR @ 100% LOAD 79 L/HR @ 75% LOAD 55 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	62 LTR
COOLANT CAPACITY	58 LTR

FEATURES
SILENCED CANOPY – 77.2 dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 20 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 LSA47.2M7
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	458.6 CM / 156.4 CM/ 255.6 CM
WEIGHT (DRY)	5396 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

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

1300 305 912
sales@genelite.com.au