



TECHNICAL OVERVIEW

MODEL	DHY18KSEM
PRIME POWER	20 kVA / 16 kW
STANDBY POWER	22 kVA / 17.6 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
DUTY	CRITICAL STANDBY / LIMITED PRIME
FREQUENCY	50Hz
PHASE/VOLTAGE	SINGLE PHASE / 240V
FUEL CAPACITY	80 LTR

ENGINE

ENGINE MODEL	H4DW91-29D
CYLINDER/ CAPACITY	4 CYL / 2.54 LTR
INDUCTION	NATURALLY ASPIRATED
FUEL CONSUMPTION	6 L/HR @ 100% LOAD 4.6 L/HR @ 75% LOAD 3.2 L/HR @ 50% LOAD
GOVERNOR	MECHANICAL
OIL CAPACITY	8 LTR
COOLANT CAPACITY	16 LTR

FEATURES

SILENCED CANOPY – 67dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 17 HOUR RUN TIME @ 75% LOAD
CANOPY – GALVANISED POWDER COAT
BATTERY CHARGER AND ISOLATOR
OUTLETS – 1 x 32 AMP 240V, 2 x 15 AMP 240V

CONTROLS

BRAND AND MODEL	DEEPSEA 6120
CIRCUIT BREAKER	TWO POLE

ALTERNATOR

BRAND AND MODEL	HYUNDAI HK184E
TYPE	BRUSHLESS / AVR
HARMONIC DISTORTION	LESS THAN 5%
INSULATION CLASS	CLASS H

OPTIONS

MINE SPEC
JACKET WATER HEATER
EXTERNAL FUEL CONNECTION
AUTO TRANSFER SWITCHES (ATS)

DIMENSIONS

LENGTH / WIDTH / HEIGHT	203.8 CM / 85 CM / 112.5 CM
WEIGHT (DRY)	900 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.