



TECHNICAL OVERVIEW

MODEL	DHY45KSE-3
PRIME POWER	40 kVA / 32 kW
STANDBY POWER	45 kVA / 36 kW
FUEL TYPE	DIESEL
SPEED	1500 RPM
DUTY	CRITICAL STANDBY / LIMITED PRIME
FREQUENCY	50Hz
PHASE/VOLTAGE	THREE PHASE / 415V
FUEL CAPACITY	160 LTR

ENGINE

ENGINE MODEL	HYTN4054-23N
CYLINDER/ CAPACITY	4 CYL / 4.41 LTR
INDUCTION	TURBOCHARGED
FUEL CONSUMPTION	10 L/HR @ 100% LOAD 7.8 L/HR @ 75% LOAD 5.6 L/HR @ 50% LOAD
GOVERNOR	ELECTRONIC
OIL CAPACITY	11 LTR
COOLANT CAPACITY	20 LTR

FEATURES

SILENCED CANOPY – 67dB(A) @ 7M
HEAVY DUTY SKID BASE WITH FORK POCKETS
BUNDED FUEL TANK – 20.5 HOUR RUN TIME @ 75% LOAD
CANOPY – GALVANISED POWDER COAT
BATTERY CHARGER AND ISOLATOR
OUTLETS – 1 x 35 AMP 415V, 2 x 15 AMP 240V

CONTROLS

BRAND AND MODEL	DEEPSEA 6120
CIRCUIT BREAKER	FOUR POLE

ALTERNATOR

BRAND AND MODEL	HYUNDAI HK184H
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	213.8 CM / 90 CM / 135 CM
WEIGHT (DRY)	1250 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.