

SOUNDPROOF TYPE DIESEL GENSET

DHY45KSE 44kVA 50Hz.

HYUNDAI



Diesel generator SOUNDPROOF type, powered by 4 cylinders 4 stroke water cooled direct injection engine with electric start, for Industrial applications, large fuel tank providing over 8 hours running, AVR for smooth voltage output, large muffler to reduce noise harmful effects, Bottom fuel tank, air preheating system for easy start up (we recommend water heater for cold weather). Two bottom holes for the forklift and two hooks on the cover top. Digital control panel, Emergency stop button, fuel intake hole outside the canopy, weather proof canopy.

GENERATOR SET	RATED POWER (kW/kVA)	32 / 40
	MAX. POWER (kW/kVA)	35 / 44
	FREQUENCY (Hz)	50
	VOLTAGE (V)	230 / 400
	CURRENT (A)	58
	CONTROLLER	IL-NT MRS10
	ATS PORT	INCLUDED
	BATTERY (Ah)	1x12V-60Ah
	FUEL TANK CAPACITY (L)	93
	COOLING FLUID VOLUME (L)	25
	FUEL CONSUMPTION (l/h 50/100% loading)	5.42 / 10.84
	RUNNING TIME UNDER (h 50/100% loading)	17 / 8.6
	NOISE LEVEL BEHIND 7 METERS (dBA)	68
ENGINE	ENGINE MODEL	HY4105
	POWER OUTPUT (kW/1500rpm)	38
	ROTATE SPEED	1500 RPM
	SPEED REGULATION	MECHANICAL
	STARTING METHOD	ELECTRIC
	DISPLACEMENT (cc)	4100
	OIL CAPACITY (L)	9
ALTERNATOR	ALTERNATOR	184J
	RATED POWER (kW/kVA)	34 / 43
	POWER FACTOR (Cosφ)	0.8
	VOLTAGE REGULATION	AVR / BRUSHLESS
ALARMS	LOW OIL PRESSURE	YES
	BLOCK ON START UP	YES
	LOW BATTERY	YES
	HIGH TEMPERATURE ON WATER	YES
	LOW OIL LEVEL	YES
	LOW RUNNING ON ENGINE	YES
	EMERGENCY STOP	YES
LOGISTICAL DATA	N.G. (kg.)	990
	G.W. (kg.)	
	PRODUCT DIMENSIONS (mm)	2200×950×1320
	CAPACITY (units/container)	6/20GP;12/40GP;12/HQ

MEASUREMENTS

- GENERATOR VOLTAGE
- GENERATOR CURRENT
- GENERATOR FREQUENCY
- POWER FACTOR
- OIL PRESSURE
- COOLANT TEMPERATURE
- BATTERY VOLTAGE
- ENGINE ROTATING SPEED
- ENGINE HOURS RUN

BREAKER

- MCB (0~125A)
- MCCB (125~1000A)

POWER OUTPUT AREA

TERMINALS U.V.W.N.PE 400V
3×SINGLE PHASE SOCKETS 230V

230V-10 A 230V-10 A 230V-10 A

MRS 10

MANUAL AND REMOTE START CONTROLLER
OVERLOAD PROTECTION
MULTI-LANGUAGE

MRS 16

MANUAL AND REMOTE START CONTROLLER WITH SUPPORT FOR EFI ENGINES
FAULTS REPORT
OVERLOAD PROTECTION
MULTI-LANGUAGE

RECOMMENDED SPARE PARTS



AIR FILTER CORE
EVERY 100 HOURS



OIL & TURBO FILTER ELEMENT
EVERY 50 HOURS



FUEL FILTER ELEMENT
EVERY 50 HOURS

SPARE PARTS NAME	MODEL TYPE	QTY
AIR FILTER CORE	K1522	1
OIL FILTER ELEMENT	JX0814G	1
TURBO OIL FILTER ELEMENT	-	-
FUEL FILTER ELEMENT	CX0710	1

OPTIONAL ACCESSORIES



ATS BOX



WATER HEATER



OIL HEATER



FUEL TANK

ACCESSORIES NAME	MODEL TYPE	QTY
ATS BOX & 30m cables	ATS1-100A	1
WATER HEATER	1000W	1
OIL HEATER	200W	1
24 HOURS FUEL TANK	-	1

* Product might be different from pictures shown
* specifications might vary as continuous product development