

Hyundai DHY9KSEm Single Phase, 8.8kW/11kVA 1500rpm Diesel Generator



- The Hyundai water cooled, 3 cylinder, 1,357cc engine is an electric start (remote start function available).
- The generator comes ATS prepared, so can easily be connected to an automatic transfer switch if required.
- A 42L fuel tank allows the generator to run for 23 hours (at 50% load) before refuelling.
- Slow running at 1500rpm, means that engine noise levels are at a minimum whilst machine life is
 extended compared to higher rpm diesel generators.
- Brushless AVR alternators deliver a smooth power output, suitable for both sensitive electrical
 equipment as well as more general white goods.
- The generator is suitable for domestic and small business use.
- The digital control panel gives instant visibility for oil level & pressure, water temperature, battery charge levels and low running on engine.
- There is an emergency stop function for immediate disable.
- Service or maintenance activity is easily accessed via the large doors of the weather-proof canopy.

MAX POWER (kW / kVA) 8.8 / 10 RATED POWER (kW / kVA) 5 / 10 FREQUENCY (Hz) 50 VOLTAGE (V) 230 MAX / RATED CURRENT (A) 38 / 35 CONTROLLER IL-NT MRS 10 ATS PORT INCLUDED FUEL TANK (L) 42 BATTERY (Ah) 1 X 12V-54AH RUNTIME (hrs) @ 50% / 100% 23 / 12 NOISE LEVEL @ 7m 50% LOAD (dB) 65 ENGINE MODEL HY380 RPM 1500 DISPLACEMENT (cc) 1,357 ENGINE SPEED REGULATION MECHANICAL STARTING METHOD ELECTRIC OIL CAPACITY (L) 2 No. OF CYLINDERS 3 COOLING WATER ALTERNATOR 164C ALTERNATOR 164C VOLTAGE REGULATION AVR / BRUSHLESS LOW OIL PRESSURE YES LOW BATTERY VOLTAGE YES HIGH WATER TEMPERATURE YES LOW ENGINE SPEED YES EMERGENCY STOP YES NO SITE FORKLIFT REQUIRED NO DIMENSIONS 1600 740 / 1070 LEON Y 160 / 1070 1070 DIMENSIONS 1600 750 / 1070 NO SITE FORKLIFT REQUIRED NO DIMENSIONS 1600 / 1700 / 1070 HEROLOGICAL DATA 1600 / 1700 / 1070 DIMENSIONS 1600 / 1700 / 1070 DEMONSIONS 1600 / 1700 / 1070 HEROLOGICAL DATA 1600 / 1700 / 1070 HEROLOGICAL DATA 1600 / 1700 / 1070 / 1070 HEROLOGICAL DATA 1600 / 1700 / 1070 / 1070 HEROLOGICAL DATA 1600 / 1700 / 1070 / 1070 HEROLOGICAL DATA 1600 / 1700 / 1070 / 10			
FREQUENCY (Hz)		MAX POWER (kW / kVA)	8.8 / 11
VOLTAGE (V) 230		RATED POWER (kW / kVA)	8 / 10
MAX / RATED CURRENT (A) 38 / 35 CONTROLLER		FREQUENCY (Hz)	50
CONTROLLER		VOLTAGE (V)	230
CONTROLLER ATS PORT FUEL TANK (L) BATTERY (Ah) RUNTIME (hrs) @ 50% / 100% NOISE LEVEL @ 7m 50% LOAD (dB) ENGINE MODEL RPM DISPLACEMENT (cc) STARTING METHOD OIL CAPACITY (L) No. OF CYLINDERS COOLING ALTERNATOR ALTERNATOR ALTERNATOR ALARMS CONSTITUTE OF THE STAND ON THE STAND	GENERATOR SET	MAX / RATED CURRENT (A)	38 / 35
FUEL TANK (L) BATTERY (Ah) RUNTIME (hrs) @ 50% / 100% BENGINE MODEL RPM DISPLACEMENT (cc) 1,357 SPEED REGULATION MECHANICAL STARTING METHOD OIL CAPACITY (L) No. OF CYLINDERS COOLING ALTERNATOR ALTERNATOR ALTERNATOR LOW OIL PRESSURE LOW BATTERY VOLTAGE HIGH WATER TEMPERATURE LOW OIL LEVEL LOW ENGINE SPEED EMERGENCY STOP NET WEIGHT (kg) ON SITE FORKLIFT REQUIRED NO 42 42 1	CENERATOR CET	CONTROLLER	IL-NT MRS 10
BATTERY (Ah) RUNTIME (hrs) @ 50% / 100% RENGINE MODEL RPM DISPLACEMENT (cc) 1,357 SPEED REGULATION MECHANICAL STARTING METHOD GIL CAPACITY (L) No. OF CYLINDERS COOLING ALTERNATOR ALTERNATOR LOW OIL PRESSURE LOW BATTERY VOLTAGE HIGH WATER TEMPERATURE LOW OIL LEVEL LOW ENGINE SPEED EMERGENCY STOP NET WEIGHT (kg) ON SITE FORKLIFT REQUIRED NO 1500 MECHANICAL HY380 MECHANICAL HY380 MECHANICAL HECHANICAL HECHANICAL HY380 RECHANICAL HY380 MECHANICAL HY380 MECHANICAL HECHANICAL HECHANICAL HY380 RECHANICAL HY380 RECHANICAL HY380 RECHANI		ATS PORT	INCLUDED
RUNTIME (hrs) @ 50% / 100% RUNTIME (hrs) @ 50% / 100% NOISE LEVEL @ 7m 50% LOAD (dB) ENGINE MODEL RPM DISPLACEMENT (cc) SPEED REGULATION STARTING METHOD OIL CAPACITY (L) No. OF CYLINDERS COOLING ALTERNATOR ALTERNATOR ALTERNATOR ALTERNATOR ALTERNATOR ALARMS LOW OIL PRESSURE LOW BATTERY VOLTAGE HIGH WATER TEMPERATURE LOW OIL LEVEL LOW ENGINE SPEED EMERGENCY STOP NET WEIGHT (kg) ON SITE FORKLIFT REQUIRED NO 65 HY380 AB5 ENGINE 23 / 12 23 / 12 23 / 12 24 / 10 MECHANICAL HECHANICAL HECHANICAL HECHANICAL ALTERNATOR AVR / BRUSHLESS YES LOW DIL LEVEL YES LOW OIL LEVEL YES LOW ENGINE SPEED STORMAND YES EMERGENCY STOP NET WEIGHT (kg) ON SITE FORKLIFT REQUIRED		FUEL TANK (L)	42
NOISE LEVEL @ 7m 50% LOAD (dB) 65		BATTERY (Ah)	1 X 12V-54AH
ENGINE MODEL HY380		RUNTIME (hrs) @ 50% / 100%	23 / 12
RPM		NOISE LEVEL @ 7m 50% LOAD (dB)	65
DISPLACEMENT (cc)		ENGINE MODEL	HY380
ENGINE SPEED REGULATION MECHANICAL STARTING METHOD ELECTRIC OIL CAPACITY (L) 2 No. OF CYLINDERS 3 COOLING WATER ALTERNATOR 164C VOLTAGE REGULATION AVR / BRUSHLESS LOW OIL PRESSURE YES LOW BATTERY VOLTAGE YES HIGH WATER TEMPERATURE YES LOW OIL LEVEL YES LOW ENGINE SPEED YES EMERGENCY STOP YES NET WEIGHT (kg) 530 LOGISTICAL DATA ON SITE FORKLIFT REQUIRED NO		RPM	1500
STARTING METHOD		DISPLACEMENT (cc)	1,357
OIL CAPACITY (L) No. OF CYLINDERS COOLING ALTERNATOR ALTERNATOR LOW OIL PRESSURE LOW BATTERY VOLTAGE HIGH WATER TEMPERATURE LOW OIL LEVEL LOW ENGINE SPEED EMERGENCY STOP NET WEIGHT (kg) ON SITE FORKLIFT REQUIRED 164C AVR / BRUSHLESS YES YES YES YES YES YES YES	ENGINE	SPEED REGULATION	MECHANICAL
No. OF CYLINDERS 3		STARTING METHOD	ELECTRIC
COOLING		OIL CAPACITY (L)	2
ALTERNATOR 164C VOLTAGE REGULATION AVR / BRUSHLESS LOW OIL PRESSURE YES LOW BATTERY VOLTAGE YES HIGH WATER TEMPERATURE YES LOW OIL LEVEL YES LOW ENGINE SPEED YES EMERGENCY STOP YES NET WEIGHT (kg) 530 ON SITE FORKLIFT REQUIRED NO		No. OF CYLINDERS	3
ALTERNATOR VOLTAGE REGULATION LOW OIL PRESSURE LOW BATTERY VOLTAGE HIGH WATER TEMPERATURE LOW OIL LEVEL LOW ENGINE SPEED EMERGENCY STOP NET WEIGHT (kg) ON SITE FORKLIFT REQUIRED AVR / BRUSHLESS YES YES YES YES S30 NO		COOLING	WATER
LOW OIL PRESSURE YES		ALTERNATOR	164C
LOW BATTERY VOLTAGE YES HIGH WATER TEMPERATURE YES LOW OIL LEVEL YES LOW ENGINE SPEED YES EMERGENCY STOP YES NET WEIGHT (kg) 530 LOGISTICAL DATA ON SITE FORKLIFT REQUIRED NO	ALTERNATOR	VOLTAGE REGULATION	AVR / BRUSHLESS
HIGH WATER TEMPERATURE LOW OIL LEVEL LOW ENGINE SPEED EMERGENCY STOP NET WEIGHT (kg) ON SITE FORKLIFT REQUIRED YES 530 NO		LOW OIL PRESSURE	YES
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LOW ENGINE SPEED EMERGENCY STOP NET WEIGHT (kg) ON SITE FORKLIFT REQUIRED YES 530 NO		HIGH WATER TEMPERATURE	YES
LOW ENGINE SPEED YES EMERGENCY STOP NET WEIGHT (kg) ON SITE FORKLIFT REQUIRED NO	AL ADMO	LOW OIL LEVEL	YES
NET WEIGHT (kg) 530 LOGISTICAL DATA ON SITE FORKLIFT REQUIRED NO	ALARMS	LOW ENGINE SPEED	YES
LOGISTICAL DATA ON SITE FORKLIFT REQUIRED NO		EMERGENCY STOP	YES
LOGISTICAL DATA ON SITE FORKLIFT REQUIRED NO		NET WEIGHT (kg)	530
DIMENSIONS L V W V II (****) 1500 V 770 V 1070	LOGISTICAL DATA	. 5.	NO
DIMENSIONS L X W X H (MM) 1500 X 760 X 1070		DIMENSIONS L X W X H (mm)	1500 X 760 X 1070

SSP Accessories	SSP
Battery Charger (Included as Standard with an ATS)	£55
2m Flexible Exhaust Extension	£55
Three Way Valve for External Tank (Pair)	£160
Water Heater (Fitted)	£220
Remote Monitoring System (Ethernet)	£399
Remote Monitoring System (GSM)	£599



MEASUREMENTS GENERATOR VOLTAGE GENERATOR CURRENT GENERATOR FREQUENCY POWER FACTOR OIL PRESSURE

POWER FACTOR
OIL PRESSURE
COOLANT TEMPERATURE
BATTERY VOLTAGE
ENGINE ROTATING SPEED
ENGINE HOURS RUN



BREAKER MCB (0~125A)

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



POWER OUTPUT AREA TERMINALS U.V.W.N.PE 3 X SINGLE PHASE SOCKETS



MRS 10

MANUAL AND REMOTE START CONTROLLER



MRS 16

MANUAL AND REMOTE START CONTROLLER WITH SUPPORT FOR EFI ENGINES

	MRS10	MRS16
PIN PASSWORD	YES	YES
RS232/485 INTERFACE	OPTIONAL	OPTIONAL
FAULTS REPORT	NO	YES
MULTI-LANGUAGE FUNCTION	YES	YES

RECOMMENDED SPARE PARTS









REF.	SPARE PARTS NAME	
	AIR FILTER CORE ELEMENT	1
JX 08 10	OIL FILTER ELEMENT_	1_
N/A	TURGBO OIL FILTER ELEMENT_	100
CO506	FUEL FILTER ELEMENT	1

OPTIONAL ACCESSORIES









RFF.	ACCESSORIES NAME	OTY
	ATS BOX & 30m CABLES: ATS1-40A	1
	WATER HEATER	1
INTELLIGENT BATTERY CHARGER 12V		11
	24 HOURS FUEL TANK	1

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