General Characteristics

Model Name	AD 410
Frequency (Hz)	50
Fuel Type	Diesel
Engine Made and Model	HYUNDAI - DP126LB
Alternator Made and Model	Aksa - AK 5300
Control Panel Model	DSE 7320
Canopy	MS 70

3 Phase, 50 Hz, PF 0.8

VOLTAGE	**STANDBY RATING (ESP)**		**PRIME RATING (PRP)**		**Standby Amper**
	kVA	**kW**	**kVA**	**kW**	
400/231	410	328.00	370	296.00	591.80

STANDBY RATING (ESP) : Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. ESP is in accordance with ISO 8528-1. Overload is not allowed.

Производитель сохраняет за собой право без предварительного уведомления делать изменения в моделях, технических характеристиках, цветах, оборудовании, аксессуарах и чертежах.

PRIME RATING (PRP) : Applicable for supplying power to varying electrical load for unlimited hours. PRP is in accordance with ISO 8528-1. 10 % overload capability is available for a period of 1 hour within 12-hour perod of operation.

ENGINE SPECIFICATIONS

Engine		HYUNDAI
Engine Model		DP126LB
NO. OF CYLINDERS AND BUILD		6 cylinders - in line
BORE AND STROKE	**mm**	123 X 155
TOTAL DISPLACEMENT	**L**	11.051
Aspiration		Turbo Charged and Intercooled (Air to Air)
COMPRESSION RATIO		17.2:1
RATED SPEED (RPM)	**d/dk**	1500
OIL CAPACITY	**L**	44
Standby Power (kW/HP)		362/485,25
Prime Power		327/438,33

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Block Heater QTY		1
Block Heater Power (Watt)		3000
Fuel Type		Diesel
Injection Type and System		Direct
Type of Fuel Pump		INLINE P TYPE
Governor System		Electronic
Operating Voltage (Vdc)		24 Vdc
Cooling Method		Water Cooled

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Cooling Fan Air Flow (m3/min)			
		312	
Coolant Capacity (engine only / with radiator) (lt)			
		23/57.4	
Air Filter			
		Dry Type	
Fuel Cons. Prime With %100 Load (lt/hr)			
		76	
Fuel Cons. Prime With %75 Load (lt/hr)			
		57.1	
Fuel Cons. Prime With %50 Load (lt/hr)			
		38.4	

ALTERNATOR SPECIFICATIONS

Manufacturer	Aksa
Alternator Made and Model	AK 5300

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Frequency (Hz)	**Hz**	50
Power (kVA)	**kVA**	375
DESIGN		4 Pole, Brushless
VOLTAGE	**V**	400
Phase		3
A.V.R.		SX440
Voltage Regulation	**(+/-)**	1
Insulation System		H
Protection		IP22
Rated Power Factor		0.8
WEIGHT COMP. GENERATOR (Kg)		1160
COOLING AIR (m^3/min)	**m^3**	29.16

SIZE and WEIGHT

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Open Type	DRY WEIGHT (kg.) (kg.)	LENGTH (mm.)	WIDTH (mm.)	HEIGHT (mm.)	TANK CAPACITY (lt.) (Lt.)
Image not found or type unknown	3050	2965	1550	2079	700
CANOPY	**DRY WEIGHT (kg.) (kg.)**	**LENGTH (mm.)**	**WIDTH (mm.)**	**HEIGHT (mm.)**	**TANK CAPACITY (lt.) (Lt.)**
MS 70 Image not found or type unknown	3920	4434	1606	2496	700

STANDART SPECIFICATIONS

Water cooled, Diesel engine
Radiator with mechanical fan
Protective grille for rotating and hot parts
Electric starter and charge alternator
Starting battery (with lead acid) including rack and cables
Engine coolant heater
Base frame design incorporates an integral fuel tank and anti-vibration isolators
Flexible fuel connection hoses
Single bearing, class H alternator
Industrial exhaust silencer and steel bellows supplied separately(for open sets)
Static battery charger
Manual for application and installation

OPTIONAL EQUIPMENTS

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ENGINE
- Fuel-Water Seperator Filter
- Oil heater

ALTERNATOR
- Anti-Condensation Heater
- Over sized alternator
- PMG excitation + AVR
- Main line circuit breaker

CONTROL SYSTEM
- Automatic synchronising and power control system (multi gen-set Parallel)
- Transition synchronization with mains
- Remote annunciator panel
- Remote relay output
- Alarm output relays
- Earth fault, single set
- Charge Ammeter

TRANSFER SWITCH
- Three Pole Contactor
- Four Pole Contactor
- Three or four pole motor operated circuit breaker

OTHER ACCESSORIES
- Main Fuel Tank
- Automatic or manual fuel filling system
- Manual oil drain pump
- Low and high fuel level alarm
- Residential silencer
- Enclosure: weater protective or sound attenuated
- Duct adapter (on radiator)
- Inlet and outlet motorised louvers
- Inlet and outlet acoustic baffles
- Trailer
- Tool kit for maintenance
- 1500/3000 hours maintenance kit
- Double wall chassis

INTRODUCTION

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Aksa power generation system, providing optimum performance, and reliability, for stationary standby, prime power, and continuous duty applications. All generator sets are factory build, and production tested.

Certificate

TS ISO 8528

CE

2000/14/EC

INTRODUCTION

Sound-attenuated and weather-protective enclosures for generating sets from Aksa, meet event the sound requirements and provide optimum protection from inclement weather and development by our specialist acoustic engineers. Our modular designed sound insulated canopies provide ease of access for servicing and general maintenance and interchangeable components permitting on-site repair. Enclosures are designed to optimize genset cooling performance, providing you with confidence that genset ratings and ambient capability.

STANDARD SPECIFICATIONS

Compact footprint, low profile design.
Enclosure, generator set, exhaust system and fuel tank are pre-assembled, pre-integrated and shipped as one package
Body made from steel components treated with polyester powder coating
Fire retardant foam insulation
Easy access to all service points
Exhaust system inside canopy
Large doors on each side
Control panel viewing window in a lockable access door
Emergency stop push button mounted on enclosure exterior
Cooling fan and battery charging alternator fully guarded
Fuel fill and battery can only be reached via lockable access doors.
Lifting points on the top of canopy and base frame
Customer options available to meet your application's needs.
Aksa makes its generating sets' noise level tests in accordance with directive 2000/14/EC validation of the noise level test has been approved by the notified body Szutest

Производитель сохраняет за собой право без предварительного уведомления делать изменения в моделях, технических характеристиках, цветах, оборудовании, аксессуарах и чертежах.

CANOPY MODEL		MS 70
WIDTH	**mm.**	1606
LENGTH	**mm.**	4434
HEIGHT	**mm.**	2424
TANK CAPACITY (lt.)	**Lt.**	700

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