



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.



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 period 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

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



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	



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 (m³/min)	m³	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.)
	3050	2965	1550	2079	700
CANOPY	DRY WEIGHT (kg.) (kg.)	LENGTH (mm.)	WIDTH (mm.)	HEIGHT (mm.)	TANK CAPACITY (lt.) (Lt.)
MS 70 	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

ENGINE

- Fuel-Water Seperator Filter
- Oil heater

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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

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

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

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