

Over Product

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.

Kracht (kVA)

3 Fasen,50 Hz, PF 0.8

Spanning	Stand-by vermogen (ESP)		Prime Power (PRP)		Standby Amper
	kW	kVA	kW	kVA	
400/231	80,00	100,00	72,00	90,00	144,34

Stand-by vermogen (ESP) Het wordt gebruikt om te voldoen aan de variabele elektrische belastingvereiste in geval van uitval van de betrouwbare netvoeding. ESP voldoet aan ISO 8528-1 Overbelasting is niet toegestaan.

Prime Power (PRP) Wordt gedefinieerd als het continue bedrijfsvermogen onder variabele belasting. PRP voldoet aan ISO 8528-1 10% overbelasting kan elke 12 uur worden gedaan.

Algemene kenmerken

Modelnaam	APG 100
Frequentie (HZ)	50
Brandstoftype	Natural Gas
Motormerk en -model	GM NG PSI 8.8L
Alternatormerk en -model	ECP 34-2S/4 A
Configuratiescherm Model	DSE 7320
Cabine	AK40-APG80

MOTORSPECIFICATIES

Motor	GM NG
Motor model	PSI 8.8L
Silindir Sayısı (L)	8 cylinders - V type
Bore (mm.)	110.49
Stroke (mm.)	114.30
Silindir Hacmi (lt.)	8.800
Aspiratie	Naturally Aspirated
Compressieverhouding	10.0:1
Hız (d/dk)	1500
Olie capaciteit (Filtre Dahil) (lt)	8,5
Brandstoftype	Natural Gas
Governor-systeem	Electronic
Bedrijfsspanning (Vdc)	12 Vdc
Batterij en capaciteit (aantal / Ah)	1x85
Koelmethode	Water Cooled
Koelventilatorluchtstroom (m³ / min)	120
Koelvloeistofcapaciteit (alleen motor / met radiator) (lt)	/25,5
Luchtfilter	Dry Type

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Dynamo specificaties

Fabrikant	Mecc Alte
Alternatormerk en -model	ECP 34-2S/4 A
Frequentie (HZ)	50
Kracht (kVA)	105
Spanning (V)	400
Fase	3
Automatische spanningsregelaar	DSR
Voltage regulatie	(+/-)1%
Isolatiesysteem	H
Bescherming	IP23
Nominale vermogensfactor	0.8
Gewicht dynamo (Kg)	409
Koellucht (m³/min)	19.3

OPEN TYPE GENERATOR AFMETINGEN (mm)

Lengte	2150
Breedte	1050
Hoogte	1543
Droog gewicht (kg.)	1180

AFMETINGEN GENERATORKAST (mm)

Lengte	3100
Breedte	1050
Hoogte	1641
Droog gewicht (kg.)	1410

Over Product

No Data

Besturingskaart

Controle Module	DSE
Besturingsmodule model	DSE 7320
İletişim Portları	MODBUS

1. Menu navigation buttons
2. Close mains button
3. Main Status and instrumentation display
4. Alarm LED's
5. Close generator button
6. Status LED's
7. Operation selecting buttons

Apparaten

DSE, model 7320 Auto Mains Failure control module Static battery charger Emergency stop push button and fuses for control circuits

Structuur en verf

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Comonents installed in sheet steel enclosure.

Phosphate chemical, pre-coating of steel provides corrosion resistant surface

Polyester composite powder topcoat forms high gloss and extremely durable finish

Lockable hinged panel door provides for easy component access

Montage

Control panel is mounted generating set baseframe on robust steel stand or power module. Located at side of generating set with properly panel visibility.

Generator regeleenheid

The DSE 7320 conrol module is a standard addition to our generator sets from 220 kVA upwards and it has been designed to start and stop diesel andgas generating sets that include electronic and non electronic engines.

The DSE 7320 includes the additional capability of being able to monitor a mains (utility) supply and is therefore suitable for controlling a standby generating set in conjunction with an automatic transfer switch.

The DSE7320 also indicates operational status and fault conditions, automatically shutting down the generating set and indicating faults by means of its LCD display on the front panel.

Standaardfuncties

Microprocessor controlled

- 132 x 64 pixel LCD display makes information easy to read

- Front panel programming and also via PC software

- Soft touch membrane keypad and five key menu navigation

- Remote communications via RS232, RS485 and ethernet.

- Event logging (50) showing date and time

- Multiple date and time engine exercise mode and maintenance scheduler

- Engine block heater control.

- Controls; stop, manuel, auto, test, start, mute lamb test/transfer to generator, transfer to mains, menu navigation.

Meetindicatoren

ENGINE

Engine speed

Oil pressure

Coolant temperature

Run time Battery volts

Engine maintenance due

GENERATOR

Voltage (L-L, L-N)

Current (L1-L2-L3)

Frequency

Earth current

kW

Pf

kVAr

kWh, kVAh, kVArh

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Phase sequence
MAINS
Voltage (L-L, L-N)
Frequency
WARNING
Charge failure
Battery under voltage
Fail to stop
Low fuel level (opt.)
kW over load
Negative phase sequence
Loss of speed signal
PRE-ALARMS
Low oil pressure
High engine temperature
Low engine temperature
Over /Under speed
Under/over generator frequency
Under/over generator voltage
ECU warning
SHUT DOWNS
Fail to start
Emergency stop
Low oil pressure
High engine temperature
Low coolant level
Over /Under speed
Under/over generator frequency
Under/over generator voltage
Oil pressure sensor open
Phase rotation
ELECTRICAL TRIP
Earth fault
kW over load
Generator over current
Negative phase sequence
Optie Kenmerken
High oil temperature shut down

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Low fuel level shut down

Low fuel level alarm

High fuel level alarm

EXPANSION MODULES

Editional LED module (2548)

Expension relay module (2157)

Expansion input module (2130)

Standaarden

Elecrical Safety / EMC compatibility

BS EN 60950 Electrical business equipment

BS EN 61000-6-2 EMC immunity standard

BS EN 61000-6-4 EMC emission standard

Elektronische acculader

Battery charger is manufactured with switching-mode and SMD technology and it has high efficincy.

Battery charger models' output V-I characteristic is very close to square

2405 has fully output shot circuit protection and ıt can be used as a current source.

2405 charger has high efficiency, long life, low failure rate, light weight and low heat radiated in accordance with linear alternatives.

The charger is fitted with a protection diode across the output.

Charge fail output is available.

Connect charge fail relay coil between positive output and CF output.

Input: 196-264V.

Output: 27,6V 5A or 13,8V 5A.

Standaardfuncties

- Heavy duty, water cooled naturalgas engine
- 46/50 °C ambient rated radiator with mechanical fan
- Protective grille for fan and rotating parts
- Electric starter and charge alternator
- Starting battery (with lead acid) including rack and cables
- Engine jacket cooling 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 belows supplied separately
- Static battery charger
- Manual for use and installation

Generator hardware-opties

ENGINE

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Remote Radiator Cooling
Low Coolant level alarm
ALTERNATOR
Anti-Condensation heater
Over sized alternator
Main line circuit breaker
CONTROL SYSTEM
Remote annunciator panel
Uzağa alarm paneli
Alarm output relays
Earth fault, single set
Charging ammeter
TRANSFER ANAHTARI
Üç kutuplu kontaktör
Four Pole Contactor
VISE ACCESSORIES
Manual oil drain pump
Electrical oil drain pump
Enclosure: weater protective or sound attenuated
Duct adapter (on radiator)
Inlet and outlet motorised louvers
Tool kit for maintenance
Supplied with oil and coolant - 30 °C

Certificaten

- TS ISO 8528
- CE
- SZUTEST
- 2000/14/EC

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