



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	168,00	210,00	152,00	190,00	303,12

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

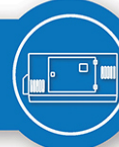
Modelnaam	ADG 210
Frequentie (HZ)	50
Brandstoftype	Natural Gas
Motormerk en -model	HYUNDAI GE12TI
Alternatormerk en -model	ECO 38-2S/4 A
Configuratiescherm Model	DSE 7320
Cabine	MS 60 NG

MOTORSPECIFICATIES

Motor	HYUNDAI
Motor model	GE12TI
Silindir Sayısı (L)	6 cylinders - in line
Bore (mm.)	123
Stroke (mm.)	155
Silindir Hacmi (lt.)	11.051
Aspiratie	Turbo Charged and Intercooled(Water to Air)
Compressieverhouding	10.5:1
Hız (d/dk)	1500
Olie capaciteit (Filtre Dahil) (lt)	25
Stand-by vermogen (kW/HP)	192/262
Prime Power (kW/HP)	175/238
Blokverwarmingshoeveelheid	1
Blokkeer verwarmingsvermogen (Watt)	1500
Brandstoftype	Natural Gas
Bedrijfsspanning (Vdc)	24 Vdc
Batterij en capaciteit (aantal / Ah)	2x85
Laaddynamo (A)	45
Koelmethode	Water Cooled

De fabrikant behoudt zich het recht voor om zonder voorafgaande kennisgeving wijzigingen aan te brengen in het model, technische specificaties, kleur, uitrusting, accessoires en afbeeldingen. (12.04.2022)





Koelventilatorluchtstroom (m ³ / min)	270
Koelvloeistofcapaciteit (alleen motor / met radiator) (lt)	21/162.8
Luchtfilter	Dry Type
Brandstofverbruik bij eerste 100% belasting (lt / uur)	43.4
Brandstofverbruik primair 75% belasting (lt / uur)	34.3
Brandstofverbruik bij eerste 50% belasting (lt / uur)	26.3

Dynamo specificaties

Fabrikant	Mecc Alte
Alternatormerk en -model	ECO 38-2S/4 A
Frequentie (HZ)	50
Kracht (kVA)	200
Spanning (V)	400
Fase	3
Automatische spanningsregelaar	DSR
Voltage regulatie	(+/-)1%
Isolatiesysteem	H
Bescherming	IP23
Nominale vermogensfactor	0.8
Gewicht dynamo (Kg)	560
Koellucht (m ³ /min)	32

OPEN TYPE GENERATOR AFMETINGEN (mm)

Lengte	2860
Breedte	1300
Hoogte	1777
Droog gewicht (kg.)	2320

AFMETINGEN GENERATORKAST (mm)

Lengte	3960
Breedte	1010
Hoogte	2100
Droog gewicht (kg.)	2900

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

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 control module is a standard addition to our generator sets from 220 kVA upwards and it has been designed to start and stop diesel and gas 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, manual, auto, test, start, mute load 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

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

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

Electrical 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 efficiency.

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

2405 has fully output short circuit protection and it 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

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Generator hardware-opties**ENGINE**

Remote Radiator Cooling

Low Coolant level alarm

Oil heater

ALTERNATOR



Anti-Condensation heater

Over sized alternator

Single Phase (4 lead)

Main line circuit breaker

CONTROL SYSTEM

Automatic synchronising and power control system (multi gen-set Parallel)

Paralel system with mains.

Remote annunciator panel

Uzağa alarm paneli

Alarm output relays

Remote communication with modem

Earth fault, single set

Charging ammeter

TRANSFER SWITCH

Four Pole Contactor

WISE 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

1500/3000 hours maintenance kit

Supplied with oil and coolant - 30 °C

Automatic transfer switch

Certificaten

- TS ISO 8528

- CE

- SZUTEST

- 2000/14/EC

