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	1000,00	1250,00	900,00	1125,00	1804,27

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	AP 1250
Frequentie (HZ)	50
Brandstoftype	Diesel
Motormerk en -model	PERKINS 4008-30TAG3
Alternatormerk en -model	ECO 43-2M/4 A
Configuratiescherm Model	DSE 7320
Cabine	AK 96-AP1250

MOTORSPECIFICATIES

Motor	PERKINS
Motor model	4008-30TAG3
Silindir Sayısı (L)	8 cylinders - in line
Bore (mm.)	160
Stroke (mm.)	190
Silindir Hacmi (lt.)	30,56
Aspiratie	Turbo Charged
Compressieverhouding	13,6:1
Hız (d/dk)	1500
Olie capaciteit (Filtre Dahil) (lt)	153
Stand-by vermogen (kW/HP)	1105/1481.8
Prime Power (kW/HP)	997/1337
Blokverwarmingshoeveelheid	1
Blokkeer verwarmingsvermogen (Watt)	4000
Brandstoftype	Diesel
Injectietype en systeem	Unit
Type brandstofpomp	Mechanical
Governor-systeem	Electronic
Bedrijfsspanning (Vdc)	24 Vdc

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Batterij en capaciteit (aantal / Ah)	2x143
Laaddynamo (A)	55
Koelmethode	Water Cooled
Koelventilatorluchtstroom (m³ / min)	1140
Koelvloeistofcapaciteit (alleen motor / met radiator) (lt)	/140
Luchtfilter	Dry Type
Brandstofverbruik bij eerste 100% belasting (lt / uur)	244
Brandstofverbruik primair 75% belasting (lt / uur)	188
Brandstofverbruik bij eerste 50% belasting (lt / uur)	120

Dynamo specificaties

Fabrikant	Mecc Alte
Alternatormerk en -model	ECO 43-2M/4 A
Frequentie (HZ)	50
Kracht (kVA)	1150
Spanning (V)	400
Fase	3
Automatische spanningsregelaar	DER1
Voltage regulatie	(+/-)0,5%%
Isolatiesysteem	H
Bescherming	IP23
Nominale vermogensfactor	0.8
Gewicht dynamo (Kg)	2395
Koellucht (m³/min)	90

OPEN TYPE GENERATOR AFMETINGEN (mm)

Lengte	4646
Breedte	2130
Hoogte	2007
Droog gewicht (kg.)	7000
Inhoud brandstoftank (lt.)	1500

AFMETINGEN GENERATORKAST (mm)

Lengte	7500
Breedte	2300
Hoogte	2667
Droog gewicht (kg.)	11200
Inhoud brandstoftank (lt.)	1500

Over Product

No Data

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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 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

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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

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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

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 diesel engine

- Radiator with mechanical fan

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- Protective grille for fan and rotating parts
- Electric starter and charge alternator
- Starting battery (with lead acid) including rack and cables
- Engine jacket water heater
- Steel base frame and anti-vibration isolators
- Fuel tank under the base frame
- Flexible fuel connection hoses
- Single bearing, class H alternator
- Industrial exhaust silencer and steel bellows supplied separately
- Static battery charger
- Manual for application and installation
- Generators Sets' voltage and frequency regulation comply with ISO 8528-5
- Generators Sets' can take 100% load at one step according to NFPA110

Generator hardware-opties

ENGINE

Fuel-Water Seperator Filter

Oil heater

ALTERNATOR

Anti-Condensation Heater

Over sized alternator

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 or 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

Electrical oil drain pump

Low and high fuel level alarm

Residential silencer

Enclosure: weater protective or sound attenuated

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Duct adapter (on radiator)
Inlet and outlet motorised louvers
Inlet and outlet acoustic baffles
Tool kit for maintenance
1500/3000 hours maintenance kit
Supplied with oil and coolant - 30 °C

Certificaten

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

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