



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	36,00	45,00	32,80	41,00	64,95

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	ALG 45
Frequentie (HZ)	50
Brandstoftype	Natural Gas
Motormerk en -model	LOVOL NG 1006NG
Alternatormerk en -model	ECP 32-3S/4 B
Configuratiescherm Model	DSE 6120
Cabine	AK40-ALG45

MOTORSPECIFICATIES

Motor	LOVOL NG
Motor model	1006NG
Silindir Sayısı (L)	6 cylinders - in line
Bore (mm.)	100
Stroke (mm.)	127
Silindir Hacmi (lt.)	5.98
Aspiratie	Naturally Aspirated
Compressieverhouding	10.0:3
Hız (d/dk)	1500
Olie capaciteit (Filtre Dahil) (lt)	16.1
Stand-by vermogen (kW/HP)	40/44
Blokverwarmingshoeveelheid	1
Blokkeer verwarmingsvermogen (Watt)	1000
Brandstoftype	Natural Gas
Bedrijfsspanning (Vdc)	12 Vdc
Batterij en capaciteit (aantal / Ah)	1x56
Koelmethode	Water Cooled
Koelvloeistofcapaciteit (alleen motor / met radiator) (lt)	/23.1
Luchtfilter	Dry Type

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. (03.02.2023)





Brandstofverbruik bij eerste 100% belasting (lt / uur) 7,8

Dynamo specificaties

Fabrikant	Mecc Alte
Alternatormerk en -model	ECP 32-3S/4 B
Frequentie (HZ)	50
Kracht (kVA)	42.5
Spanning (V)	400
Fase	3
Automatische spanningsregelaar	DSR
Voltage regulatie	(+/-)1%
Isolatiesysteem	H
Bescherming	IP23
Nominale vermogensfactor	0.8
Gewicht dynamo (Kg)	209
Koellucht (m³/min)	11.8

OPEN TYPE GENERATOR AFMETINGEN (mm)

Lengte	2150
Breedte	1050
Hoogte	1321

AFMETINGEN GENERATORCAST (mm)

Lengte	3100
Breedte	1050
Hoogte	1641
Droog gewicht (kg.)	1270

Over Product

No Data

Besturingskaart

Controle Module	DSE
Besturingsmodule model	DSE 6120
İletişim Portları	CANBUS

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 6120 Auto Mains Failure control module.



- Battery charger input 198-264 volt, output 27,6 V 5 A (24 V) or 13,8 Volt 5A (12V)
- Emergency stop push button and fuses for control circuits.

Structuur en verf

-Components 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 and hinged panel door provides easy access to components.

Montage

Control panel is mounted on baseframe with steel stand. Located at the right side of the generator set (When you look at the Gen.Set. from Alternator)

Generator regeleenheid

The DSE 6120 module has been designed to monitor generator frequency, volt, current, engine oil pressure, coolant temperature running hours and battery volts.

Module monitors the mains supply and switch over to the generator when the mains power fails.

The DSE6120 also indicates operational status and fault conditions, Automatically shutting down the Gen. Set and giving true first up fault condition of Gen. Set failure. The LCD display indicates the fault.

Standaardfuncties

- Microprocessor controlled.
- LCD display makes information easy to read.
- Automatically transfers between mains (utility) and generator power.
- Manual programming on front panel.
- User-friendly set-up and button layout.
- Remote start.
- Event logging (50) showing date and time.
- Controls: Stop/Reset, Manual, Auto, Test, Start, buttons. An additional push button next to the LCD display is used to scroll through the modules' metering displays.

Meetindicatoren

ENGINE

- Engine speed.
- Oil pressure.
- Coolant temperature.
- Run time.
- Battery volts.
- Configurable timing.

GENERATOR

- Voltage (L-L, L-N).
- Current (L1-L2-L3).
- Frequency.
- Gen. Set ready.
- Gen. Set enabled.

MAINS

- Mains ready.



-Mains enabled.

WARNING

- Charge failure.
- Battery Low/High voltage.
- Fail to stop.
- Low /High generator voltage.
- Under /Over generator frequency.
- Over /Under speed.
- Low oil pressure.
- High coolant temperature.

SHUT DOWNS

- Fail to start.
- Emergency stop.
- Low oil pressure.
- High coolant temperature.
- Over /Under speed.
- Under/over generator frequency.
- Under/over generator voltage.
- Oil pressure sensor open.
- Coolant temperature sensor open.

ELECTRICAL TRIP

- Generator over current.

Optie Kenmerken

- Flexible sensor can be controlled with temperature, pressure, percentage (warning/shutdown/electrical trip)
- Local setting parameters and monitoring from PC to control module with USB connection (max 6 mt).

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 and output is 5 amper, 13,8 V for 12 volt and 27,6 V for 24 V . Input 198 - 264 volt AC.
- The charger is fitted with a protection diode across the output.
- Connect charge fail relay coil between positive output and CF output.
- They are equipped with RFI filter to reduce electrical noise radiated from the device.
- Galvanically isolated input and output typically 4kV for high reliability.





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

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 SWITCH

Üç kutuplu kontaktör

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

Certificaten

- TS ISO 8528





- CE
- SZUTEST
- 2000/14/EC