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.

3 Phase,50 Hz, PF 0.8

V	(ESP)		(PRP)		(A)
	kW	kVA	kW	kVA	
400 / 231	2400.0	3000	2200.00	2750	4330

备用额定值（ESP）适用于在可靠电源断电期间向变化的电力负载供电。
ESP符合ISO 8528-1。不允许过载。

主用功率（PRP）适用于在不受限制的时间内为变化的电力负载供电。PRP符合ISO 8528-1。在12小时的周期内允许1小时的10%过载能力。

	AC 3000
Hz	50
	Diesel
	Cummins QSK78-G9
	Mecc Alte ECO 46 VL/4 A
	DSE 7320
	AK 101

	Cummins
	QSK78-G9
	18 cylinders - V type
mm	170

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mm	190
lt.	77.6
	15.5:1
rpm	1500
kW/HP	2539/3404
kW/HP	2304/3088
	2
	3000
	Electronic
	Dry Type
	Turbo Charged and After Cooled
lt	466
˚C	121
	Diesel
	Direct
	Cummins HPI-PT
Vdc	24 Vdc
/Ah	6x143
A	55
	Water Cooled
	166.6
m³/min	432.5
kPa	6.8
˚C	427
kW	1418
Pa	125

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100% lt/hr	528
75% lt/hr	406
50% lt/hr	291

	Mecc Alte
	ECO 46 VL/4 A
Hz	50
KVA	2500
V	400
	3
	DER1
	0.5
	H
	IP23
	1
kg	5114
	F
(m³/min)	135

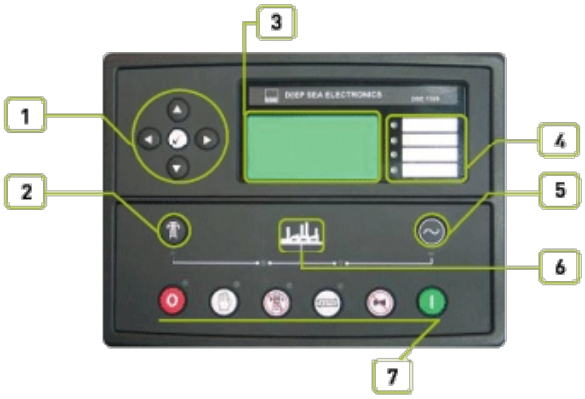
	7421
mm	2637
mm	4736
	16300
lt	2500

	11000
mm	2800
mm	3888
kg	25000
lt	1200

	DSE
	DSE 7320

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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

DSE model 7320, Auto Mains Failure control module, with a highly sophisticated level of new features and functions
Static battery charger, Fuses for control circuits

- 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.

- 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 hinged panel door provides for easy component access

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

-Engine speed
-Oil pressure
-Coolant temperature
-Run time
-Battery volts
-Engine maintenance due

-Fail to start
-Emergency stop
-Low oil pressure
-High engine temperature
-Low coolant level
-Under/over speed
-Under/over generator frequency
-Under/over generator voltage
-Oil pressure sensor open
-Phase rotation

-Charge failure
-Battery under voltage
-Fail to stop
-Low fuel level (opt.)
-kW over load
-Negative phase sequence
-Loss of speed signal

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-Voltage (L-L, L-N)
-Current (L1-L2-L3)
-Frequency
-Earthcurrent
-kW
-Pf
-kVAr
-kWh, kVAh, kVArh
-Phasesequence

-Low oil pressure
-High engine temperature
-Low engine temperature
-Under/over speed
-Under/over generator frequency
-Under/over generator voltage
-ECU warning

-Earth fault
-kW over load
-Generator over current
-Negative phase sequence

-Voltage (L-L, L-N)
-Frequency

-Additional LED module (2548)
-Expansion relay module (2157)
-Expansion input module (2130)

- High oil temperature shut down
- Low fuel level shut down
- Low fuel level alarm
- High fuel level alarm

- Electrical Safety / Electro Magnetic Compatibility (EMC)
- BS EN 61000-6-2 EMC Generic Immunity Standard
- BS EN 61000-6-4 EMC Generic Emission Standard
- BS EN 60950 Electrical Safety

- 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 shot 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.

- Water cooled, Diesel engine
- Remote adiator with electric 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
- Steel base frame and anti-vibration isolators
- Spare external fuel tank
- 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

- Fuel-Water Seperator Filter
- Oil heater

- Anti-Condensation Heater
- Over sized alternator
- PMG excitation + AVR
- Main line circuit breaker

- Automatic synchronising and power control system (Multi gen-set Parallel)
- Parallel system with mains
- Transition synchronization with mains
- Alarm output relays
- Earth fault, single set
- Parallel system with mains
- Remote relay output
- Remote communication with modem
- Charge Ammeter

- Three or four pole contactor
- Three or four pole motor operated circuit breaker

- Residential Silencer
- Silencer Spark Arrester
- Critical Silencer
- Catalytic Convertor

- Galvanized Coating
- ISO Container
- Marine Grade Paint

Please contact to your reseller for additional Alternator, Control Panel and Breaker Switch options.

指令

- 2006/42/EC : Machinery Safety Directive
- 2014/30/EU : Electromagnetic Compatibility Directive
- 2014/35/EU : Low Voltage Directive

标准

- TS ISO 8528-5:2022 / TS EN ISO 8528-13:2018 : Reciprocating internal combustion engine-driven alternating current generating sets- Part:13: Safety

Quality Management Systems
ISO 9001:2015
ISO 14001:2015
ISO 45001:2018

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ISO 50001:2018
ISO 27001:2013
ISO 10002:2018