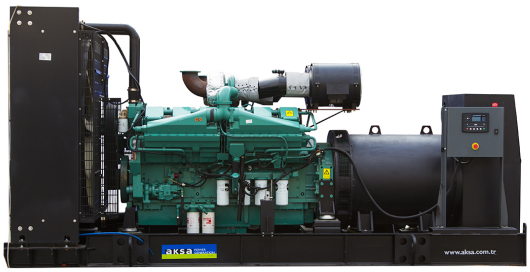

Aksa is committed to providing the most effective solution to the Data Center industry with the power it takes from engineering, production, distribution, and customer-oriented experience and knowledge. We are constantly improving designs, products and infrastructure to offer the highest level of reliability for Emergency Power Systems. While serving the industry in hundreds of countries Globally, we design our products and systems in line with the needs of Data Center practitioners at the center of our focus. Aksa generator group provides continuity, reliability and ideal performance for Data Centers.

3 Phase,50 Hz, PF 0.8

V	(ESP)		DCC (DCP)		DCC (A)
	kW	kVA	kW	kVA	
400 / 231	1330.5	1663.1	1197.84	1497.3	2401

数据中心连续（DCC）是指发电机组在供应可变或连续电负载并在无限运行小时内能够提供的最大功率。这取决于要供应的站点以及公用事业的可用性。

DCC：数据中心连续功率等级如下定义，符合Uptime Institute Tier III和IV的要求，详见Uptime Institute Tier Standards: Topology。
上述待机和DCC数据的功率等级是根据100千帕的气压（110米海拔）和25摄氏度的环境温度条件下确定的。 *数据容差为±5%。

	AC 1650
Hz	50
	Diesel
	Cummins KTA50-GS8 (For DCCP)
	Stamford S7L1D-C4 Wdg.312 (For DCCP)
	DSE 7320
	OpenGenset

	Cummins
	KTA50-GS8 (For DCCP)
	16 cylinders - V type

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mm	159
mm	159
lt.	50.3
	14.9:1
rpm	1500
kW/HP	1429/1915
DCC (PRP)	1287/1725
	2
	3000
	Electronic
	Dry Type
	Turbocharged and Low Temperature Aftercooled
lt	204
˚C	121
	Diesel
	Direct Injection
	Cummins PT
Vdc	24 Vdc
/Ah	4x143
A	35
	Water Cooled
	140
m³/min	242,3
kPa	51
˚C	499
kW	835
m³/min	1783,2
Pa	120

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@100% DCC l/h (kg/h)	309
@75% DCC l/h (kg/h)	238
@50% DCC l/h (kg/h)	167

	Stamford
	S7L1D-C4 Wdg.312 (For DCCP)
Hz	50
KVA	1550
V	400
	3
	MX341
	1
	H
	IP23
	0,8
kg	2910
	H
(m³/min)	162,6

	5450
mm	1950
mm	2450
	10200
lt	2000

	DSE
	DSE 7320
	MODBUS

1. Menu navigation buttons
2. Close mains button
3. Main Status and instrumentation display
4. Alarm LED's

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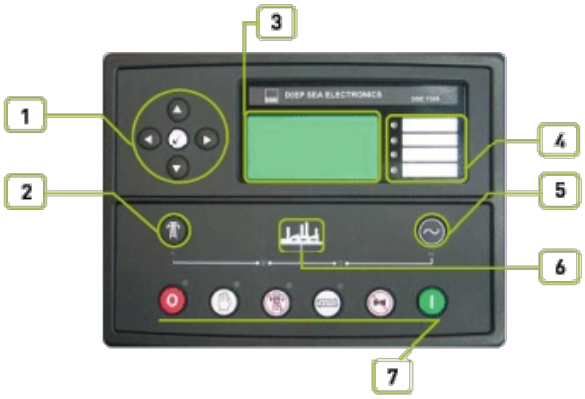

5. Close generator button
6. Status LED's
7. Operation selecting buttons

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

-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
- Radiator and electrical motor driven fan
- Protective cage to prevent rotating and touching hot parts
- Output breaker
- Electric starter and charge alternator
- Battery (lead acid), cables and stand
- Automatic synchronization and power control system (multiple parallel generator)
- Circulation pump (for engine block heater)
- Engine block water heater
- Steel chassis and anti-vibration wedges
- Fuel tank separate from the group
- Flexible fuel connection hoses
- Alternator with single bearing and H insulation class
- Industrial capacity muffler and flexible steel compensator
- Electronic battery charger

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- Operating and installation instructions

- Fuel-Water Seperator Filter
- Oil heater
- Air filter

- Anti-Condensation Heater
- Over sized alternator
- PMG excitation + AVR
- 5% derate when air inlet filters are fitted

- 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

- Main Fuel Tank
- Automatic or manual fuel filling system
- Electrical oil drain pump
- Low and high fuel level alarm
- Inlet and outlet motorized louvers
- Inlet and outlet acoustic baffles
- Tool kit for maintenance
- 1500/3000 hours maintenance kit
- Supplied with oil and coolant (-30°C)

Please contact to your reseller for additional Alternator, Control Panel 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

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Quality Management Systems
ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018
ISO 27001:2013
ISO 10002:2018