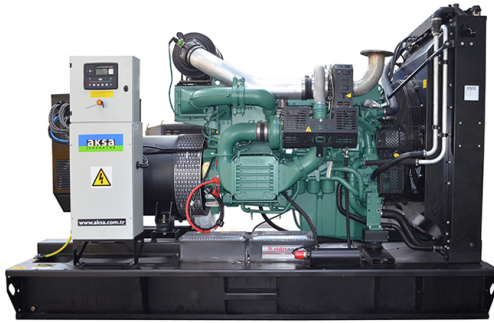




Aksa power generation system, providing optimum performance, and reliability, for stationary standby, prime power, and continuous duty applications. All generator sets are factory build, and production tested.

3 Phase, 60 Hz, PF 0.8

V	(ESP)		(PRP)		(A)
	kW	kVA	kW	kVA	
380 / 220	520.0	650	464.00	580	988
480 / 277	524.0	655	464.00	580	788
208 / 120	520.0	650	464.00	580	1804

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。

	AVP 656-6
Hz	60
	Diesel
	Volvo TAD1641GE
	Stamford HCI544E
	DSE 7320
	MS 80

	Volvo
	TAD1641GE



	6 cylinders - in line
mm	144
mm	165
lt.	16.12
	16.8:1
rpm	1800
kW/HP	563/755
	1
	3000
	ECM
	Dry Type
	Turbo Charged and After Cooled
lt	48
°C	130
	Diesel
	Direct
	Delphi E1
Vdc	24 Vdc
/Ah	2x120
A	80
	Water Cooled
	33/60
m ³ /min	109
kPa	10
°C	488
m ³ /min	606



100% lt/hr	117
75% lt/hr	90
50% lt/hr	63.6

	Stamford
	HCI544E
Hz	60
KVA	750
V	480
	3
	AS440
	1
	H
	IP23
	0.8
kg	1543
(m³/min)	78,72

	3205
mm	1550
mm	2210
	4035
lt	850

	4753
mm	1606
mm	2500
kg	5035
lt	850

	DSE
	DSE 7320
	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



- 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 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.

- Water cooled, Diesel engine
- Radiator with mechanical 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
- Base frame design incorporates an integral fuel tank and anti-vibration isolators
- Flexible fuel connection hoses
- Single bearing alternator class H
- Engine jacket water heater
- Industrial exhaust silencer and steel bellows supplied separately(for open sets)
- Static battery charger
- Manual for application and installation



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