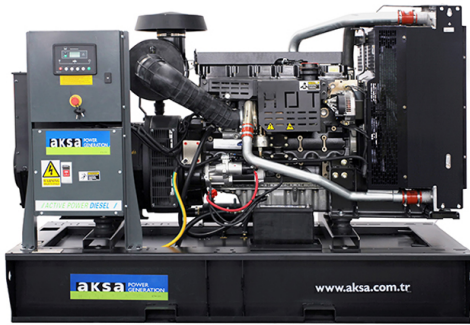




Aksa power generation system, providing optimum performance, and reliability, for stationary standby, prime power, and continuous duty applications. All generator sets are factory build, and production tested.

3 Phase, 60 Hz, PF 0.8

V	(ESP)		(PRP)		(A)
	kW	kVA	kW	kVA	
380 / 220	132.0	165	120.00	150	251
480 / 277	152.0	190	136.00	170	229
208 / 120	132.0	165	120.00	150	458

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。

	AP 190-6
Hz	60
	Diesel
	Perkins 1106A-70TAG2
	Mecc Alte ECP 34-1L/4 C
	DSE 6020
	AK 49

	Perkins
	1106A-70TAG2



	6 cylinders - in line
mm	105
mm	135
lt.	7.01
	18.2:1
rpm	1800
kW/HP	171.8/230.38
kW/HP	155.4/208.39
	1
	1500
	Mechanic
	Dry Type
	Turbo Charged and Charge Air Cooled
lt	18
°C	125
	Diesel
	Mechanic
	DP210G
Vdc	12 Vdc
A	65
	Water Cooled
	9.5
m³/min	32,29
°C	407
kW	120.6
lt	21
m³/min	250
Pa	125

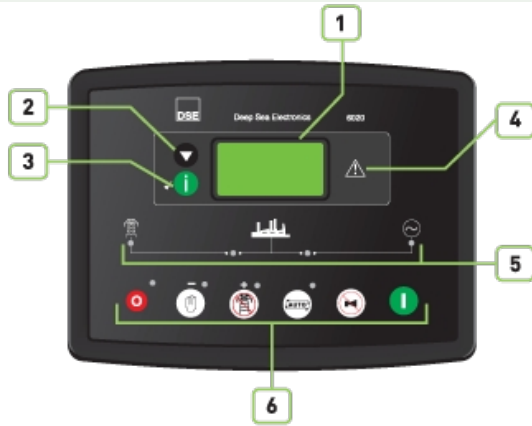


100% lt/hr	38.2
75% lt/hr	29.1
50% lt/hr	19.1
	Mecc Alte
	ECP 34-1L/4 C
Hz	60
KVA	180
V	480
	3
	DSR
	1
	H
	IP23
	0.8
kg	423
	H
(m³/min)	29.2
	2300
mm	1080
mm	1629
	1380
lt	340
	3404
mm	1136
mm	2020
kg	1975
lt	340
	DSE



DSE 6020

N/A



1. Main status display.
2. Display scroll button.
3. Page(information) button.
4. Common alarm indicator.
5. Status LED's.
6. Operation selecting buttons.

- DSE, model 6020 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.

The DSE 6020 is a standard control module for our generator sets up to 200kVA and it has been designed to start and stop diesel and gas generator sets.

The DSE 6020 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 switches over to the generator when the mains power fails.

The DSE6020 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.

- Components installed in a sheet steel enclosure. Phosphate chemical, pre-coating of steel provides corrosion resistant surface. Polyester composite powder topcoat forms a high gloss and extremely durable finish. Lockable and hinged panel door provides easy access to components.

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)

- Flexible sensor can be controlled with temperature, pressure,

Electrical Safety / EMC compatibility

04/08/2026



percentage (warning/shutdown/electrical trip)

- Local setting parameters and monitoring from PC to control module with USB connection (max 6 mt).

- BS EN 60950 Electrical business equipment.
- BS EN 61000-6-2 EMC immunity standard.
- BS EN 61000-6-4 EMC emission standard

- 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. Proline 2405 has fully output short circuit protection and it can be used as a current source. Proline 1205/2405 charger has high efficiency, long life, low failure rate, lightweight and low heat radiated in accordance with linear alternatives. The charger is fitted with a protection diode across the output. Connect charge fail relay coil between the 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.

- 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, class H alternator
- Industrial exhaust silencer and steel bellows supplied separately(for open sets)
- Static battery charger
- Manual for application and installation

- Fuel-Water Separator 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

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



- Remote communication with modem
- Charge Ammeter

- Main Fuel Tank
- Automatic or manual fuel filling system
- Electrical or manual 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)

- Residential Silencer
- Silencer Spark Arrester
- Critical Silencer
- Catalytic Converter

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