

Общие Характеристики

Название Модели	APD 250 A
Частота (Гц)	50
вид используемого топлива	Diesel
бренд и модель двигателя	AKSA A6CRX98TI
генератор переменного тока марки и модели	AK 4184
Модель панели управления	6020
кожуха	ASM 7

мощность (kVA)

3 Количество фаз, 50 Hz, PF 0.8

Напряжение (В)	Мощность Standby		Мощность Prime		Standby Ампер
	kW	kVA	kW	kVA	
400/231	200	250	184	230	360.85

Мощность Standby(ESP): Используется при подаче электроэнергии переменной электрической нагрузке в случае прерывания надежного источника сети. ESP совместим с ISO8528. Перегрузка не допускается.

Мощность Prime(PRP): Используется для неограниченных рабочих часов ежегодно при подаче электроэнергии переменной электрической нагрузке. PRP совместим с ISO 8528. Согласно ISO3046 в 12-часовой период работы 1 час используется для 10% перегрузки.

Оборудование на Заказ

ENGINE

Fuel-Water Separator Filter
Oil heater

ALTERNATOR

Anti-Condensation Heater
Main line circuit breaker

CONTROL SYSTEM

Charge Ammeter

TRANSFER SWITCH

Three Pole Contactor
Four Pole Contactor
Three or four pole motor operated circuit breaker

OTHER ACCESSORIES

Main Fuel Tank
Automatic or manual fuel filling system
Manual oil drain pump
Low and high fuel level alarm
Enclosure: weater protective or sound attenuated
Trailer
Tool kit for maintenance

стандартные функции

Heavy duty, 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
Steel base frame and anti-vibration isolators
Spare external fuel tank (open set)
Flexible fuel connection hoses
Two bearing, class H alternator
Industrial exhaust silencer and steel bellows supplied separately
Static battery charger
Manual for application and installation

ТИП АЛЬТЕРНАТОРА

ОБЩИЕ ДАННЫЕ

Производитель	Aksa
генератор переменного тока марки и модели	AK 4184
Частота (Гц)	50
Мощность (кВА)	230
Напряжение (В) (V)	400

фаза	3
Регулятор напряжения	AS460
Система возбуждения	(+/-)1,5%%
Класс изоляции	H
класс защиты	IP22
Активная мощность	0.8
Система оповещения вес (кг.)	271,9
охлаждающий воздух	34,8

ХАРАКТЕРИСТИКА ДВИГАТЕЛЕЙ

двигатель	AKSA
Инженерная модель	A6CRX98TI
Число цилиндров (L)	6 cylinders - in line
Диаметр поршня	126
Ход поршня	130
Объем цилиндров	9,73
Забор воздуха и охлаждение	Turbo Charged and Intercooled(Water to Air)
Степень сжатия	16.5:1
скорость (d/dk)	1500
Объем масла в двигателе (включая фильтр) (L)	24
дополнительная мощность	220/294.9
Количество подогревателей блока	1
Мощность подогревателя блока	1500
вид используемого топлива	Diesel
Топливная система и тип	Direct
Тип ТНВД	P pump
Регулятор частоты вращения двигателя	Electronic
рабочее напряжение	24 Vdc
емкость аккумулятора (Qty/Ah)	2x120
Способ охлаждения	Water Cooled
Воздушный поток вентилятора (м3/мин)	265
Объем Охлаждающей Жидкости(Только с Двигателем/Радиатором)(л)	65,0
воздушный фильтр	Dry Type
Расход топлива при 100% нагрузке (л/ч)	51.9
Расход топлива при 75% нагрузке (л/ч)	38.9
Расход топлива при 50% нагрузке (л/ч)	25.9

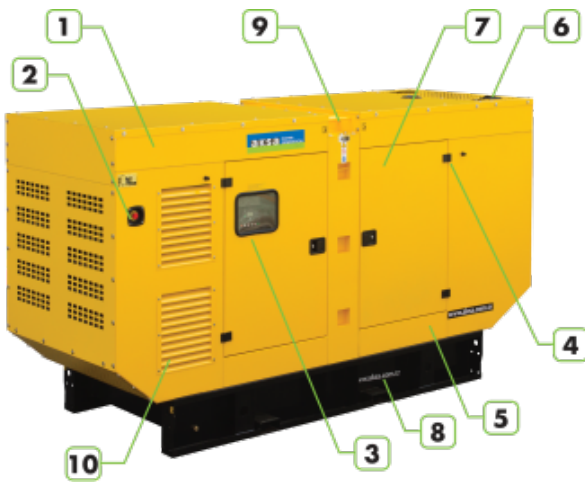
Размеры ДГУ открытого типа (мм)

длина (mm)	2900
ширина (mm)	1400

высота (mm)	2045
Вес (Нефть и вода нет)	2645
Емкость топливного бака (L.)	526

Размеры генератора кабины длина (мм.)

длина (mm)	3918
ширина (mm)	1463
высота (mm)	2163
Вес (Нефть и вода нет)	3080
Емкость топливного бака (L.)	526



О продукте

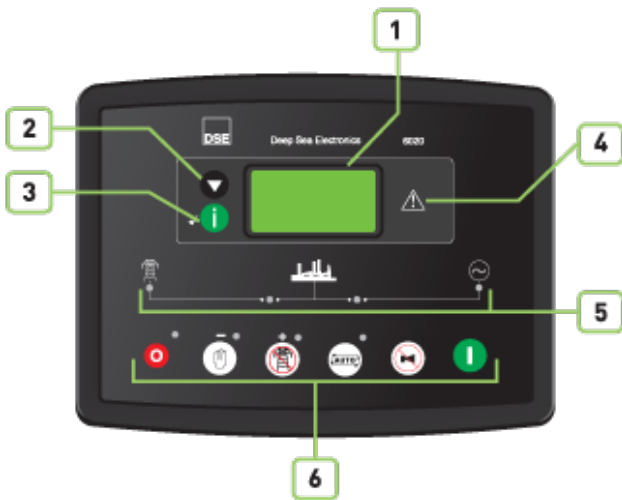
Sound-attenuated and weather protective enclosures for generating sets from Akxa, meet event the sound requirements and provide optimum protection from inclement weather and development by our specialist acoustic engineers. Our modular designed sound insulated canopies (8 – 275kVA) fit directly to the open generator set to provide ease of access for servicing and general maintenance and interchangeable components permitting on-site repair. Enclosures are designed to optimize genset cooling performance, providing you with confidence that genset ratings and ambient capability.

стандартные функции

- Compact footprint, low profile design.
- Enclosure, generator set, exhaust system and base-tank are pre-assembled, pre-integrated and shipped as one package
- Body made from steel components treated with polyester powder coating
- Fire retardant foam insulation
- Easy access to all service points
- Exhaust system inside canopy
- Large doors on each side
- Control panel viewing window in a lockable access door
- Emergency stop push button mounted on enclosure exterior
- Cooling fan and battery charging alternator fully guarded
- Fuel fill and battery can only be reached via lockable access doors.
- Lifting points on the top of canopy and base frame
- Customer options available to meet your applications needs.

Модель панели управления

управляющий модуль	DSE
контроль Модель модуля	6020
коммуникационные порты	MODBUS



Приборы

- 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.

Строительство и Завершение

-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.

Установка

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)

Блок Управления Генератором

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 switch 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.

стандартные функции

- Microprocessor controlled.
- LCD display makes information easy to read.
- 4-line, 64 x 132 pixel display.
- Automatically transfers between mains (utility) and generator power.
- Manual programming on front panel.
- User-friendly set-up and button layout.
- Remote start.
- Event logging (5) 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.

Установка

ENGINE

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

GENERATOR

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

Схема защиты

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.

Опционные особенности

- 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).

Стандарты

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

Статический аккумулятор Выпрямитель (зарядное устройство)

- 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, light weight 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 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.

СЕРТИФИКАТЫ

TS ISO 8528

TS ISO 9001-2008

CE

SZUTEST

2000/14/EC