

(ري بـمأ تلوف وليك) قق اطلأ

3,50 Hz, PF 0.8, روطلا

ي ئابرهڭلا دەجلا	(ESP) ي اب دنا تس ققا ط		(PRP) م يارب ققا ط		Standby Amper
	kW	kVA	kW	kVA	
400/231	116,00	145,00	105,60	132,00	209,30

مبسّط مل ISO8528 عم قفاوتم ESP. نمألا قلعشبلا ردصم عاطونا لاح يف ؤلومحلل قق اطلا ريفوت يفرري غتملا ءابر طفا لم عتسي (ESP) ياب نئانئس قق اط طر فملا ليم حتلل

لامعسلا جتي. ISO8528 عم قفاوتم، PRP. عاطقنا نود قيوئسلا لمعل شاعسا لجا نم قلو ملحل قاطلا ريفوت يف ري شملما ءابزلما لمعتسي (PRP) مارب ققظا
ISO3046 بسح عاس 12 لمعل فرتف يف 10% دئازلا لميحتلا لجا نم قندحو عاس

مراجع تافصاوم

جڙومڻ لاءِ مقرر مسافر	APD 145 C
ٻار (ٻار)	50
دوڙو لاءِ	Diesel
ٻار لاءِ دٻاءُ لاءِ جڙومڻ	CUMMINS 6BTAA5.9-G2
ٻار لاءِ دٻاءُ لاءِ جڙومڻ	AK 4110
مڪمل ٿيڻ لاءِ جڙومڻ	DSE 6120
ٻار لاءِ	AK 49

لکړه لوست او تفصیلات

كتر حمل	CUMMINS
كتر حمل جذومن	6BTAA5.9-G2
(L) تان او طس آل ددع	6 cylinders - in line
في و ج ت ل	102
ق م د ص ل	120
ق ن او ط س آل م ج ح	5.90
ء او ل ا ط ف ش	Turbo Charged and Charge Air Cooled
ط غ ض ل ا ل د ع م	17.3:1
د ع ر س ل (d/dk)	1500
ر ت ل (ر ت ل ف ل ا ل م ا ش) ت ي ز ل ا ع س	16.4
ة ي ل ا م ج ا ل ا ن ا ص ح / ي ع ا س ط ا و و ل ي ك ة ي ط ا ي ت ح ا ل ا ق ا ط ل	130/174
ة ي ل ا م ج ا ل ا ن ا ص ح / ي ع ا س ط ا و و ل ي ك ة ي س ي ي ز ل ا ق ا ط ل	120/161
ك ر ح م ل ا ق ل ت ك ن ي خ س ت ق ز ه ج ا د د ع	1
ط ا و) ك ر ح م ل ا ق ل ت ك ن ي خ س ت ق ز ه ج ا ق ا ط	1000
د و ق و ل ا ع و ن	Diesel
ن ق ا ل ا م ا ظ ن و ع و ن	Direct
د و ق و ل ا ة خ ض م ع و ن	BYC PB
م ك ح ت ل ا م ا ظ ن	Electronic
(ر م ت س م ر ا ي ت ت ل و ف) ل ي غ ش ت ل ل ي ئ ا ب ر ه ل ك ل ا د ه ج ل	24 Vdc
ة ع ا س ل ا / ة ي م ك ل ا) ة ع س ل ا و ة ي ر ا ط ب ل	2x66
(ر ي ب م) ب و ا ن ت م ل ا ن ح ش ل ا ر ا ي ت	40

قَبَسْ مَا رَابِخَالِ نَزْدَنِم رُوصلَو تَارَوسْ كَالِو تَادَعْمَلَو نَزَالِو اَوَينْغَلَا تَافَصْرَ اَوَمَلَو تَالِيْدَوْمَلَا يَفْلِيْدَعْتَلَا حَقْ يَلْعَجْتَنِمَا ظَفَاحِي


ديربتل ققيرط
Water Cooled

(ققيرقذ/ب عكمرتتم) ديربتل ءورم ءاوه قفدت

148

(رتل) (روتيدارلا عم / طقف كرحم) ديربتل لئاس ءعس

10/54

ءاولا رتلف

Dry Type

(ءعاس/رتل) لمح 100% دن ع دوقولا كئالمتسا

30

(ءعاس/رتل) لمح 75% دن ع دوقولا كئالمتسا

23

(ءعاس/رتل) لمح 50% دن ع دوقولا كئالمتسا

16

بوانتملا رايتلا دلوم تافصاوم

Manufacturer

Aksa

ءيراجتلا متمال عو بوانتملا رايتلا دلوم جومن

AK 4110

(زتره) ددرتلا

50

(ريبم تلوف وليك) ققاطلا

137,5

(V) يئابرهكلا دهجلا

400

روطلا

3

يكييتاموتوالا دهجلا مظنم

AS460

دهجلا مظنم

(+/-)1,5%

لزعلماظن

H

ءيامحل فنص

IP22

ققاطلا لماع

0.8

(غك) يللكلا دلوملا نزو

492

ديربتل ءاوه

30,84

(مم) حوتفملا عونلا وئ يئابرهكلا دلوملا تاسايق

لوطلا

2290

ضررعل

1000

عافتريلا

1474

DRY WEIGHT (kg.)

1360

نازخ ءعس

195

(مم) يئابرهكلا دلوملا قرج تاسايق

لوطلا

3404

ضررعل

1136

عافتريلا

2020

DRY WEIGHT (kg.)

1780

نازخ ءعس

340

قمدقملا

Sound-attenuated and Weather-protective Enclosures Sound-attenuated and weather protective enclosures for generating sets from Aksa, 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 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.

قبسمل رابخالا نود نم روصلاو تاراويسكالاو تادعمل او ناولالاو ءينفلا تافصاوملاو تاليدوملا يف ليدعتلا قح ىلع جتنملا ظفاحي.



مكحتلا ةحول

مكحتلا ةدحو	DSE
مكحتلا ةدحو وذ جذومن	DSE 6120
لاصتالا ذفانم	CANBUS
##CONTROL PANEL IMAGE##	##CONTROL PANEL TABLE##

قزهجال

- DSE, model 6120 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.

CONSTRUCTION and FINISH

-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.

بيكرتلا

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)

مكحتلا ةدحو تادلوملا

The DSE 6120 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 DSE6120 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.

ةيراي عم تافصاوم

- Microprocessor controlled.
- LCD display makes information easy to read.
- Automatically transfers between mains (utility) and generator power.
- Manual programming on front panel.
- User-friendly set-up and button layout.
- Remote start.
- Event logging (50) 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.

سايقل تارشوم

ENGINE

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

GENERATOR

قبسمل رابخال نود نم روصلاو تاروايسكالاو تادعمل او ناولالاو ةينفلا تافصاوملاو تاليدوملا يف ليدعتلا قح ىلع جتنملا ظفاحي



-Voltage (L-L, L-N).

-Current (L1-L2-L3).

-Frequency.

-Gen. Set ready.

-Gen. Set enabled.

MAINS

-Mains ready.

-Mains enabled.

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.

تأراي خ

-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).

ريي اعمل

-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

(نحاشل) يكي تاتسالا ةي راطبل ا موقم

قبسمل رابخال اود نم روصلال ا تار اوسسكال ا و تادعملال ا ناولال ا و ةينفل ا تافصولال ا و تاليدومل ا ف ليدعتل ا قح ل ع جتنمل ا ظفاحي



- 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.
- 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.

قيراي عم تافصاوم

- 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

يراي تخا تالال

ENGINE

Fuel-Water Separator Filter

Oil heater

ALTERNATOR

Anti-Condensation Heater

Main line circuit breaker

CONTROL SYSTEM

Charge Ammeter

TRANSFER SWITCH

Three or four pole contactor

Three or four pole motor operated circuit breaker

OTHER ACCESSORIES

Main Fuel Tank

Enclosure: weater protective or sound attenuated

Trailer

Tool kit for maintenance

تاداهشلا

- TS ISO 9001-2008

قابسمل رابخالا نود نم روصلاو تاراويسسكالاو تادعمل او ناولالاو ةينفلا تافصاوملاو تاليدوملا يف ليدعتلا قح ىلع جتنملا ظفاحي



- CE