


(ري بىم تلوف وليك) قق اطل

50 Hz, PF 0.8, روطلا 3

ي ئابرهكل دهجل	(ESP) ياب دناتس قق اطل		(PRP) م يارب قق اطل		Standby Amper
	kW	kVA	kW	kVA	
400/231	88,00	110,00	80,00	100,00	158,78

حمسئى مل ISO8528 عم قفاوتم ESP. ن مال قكبشلا ردصم عاطقن ل ا ح ي ف قلوبمجل قق اطل ري فو ت ي فري غتمل اءابر مكل ل م عتسي (ESP) ياب دناتس قق اطل طرفملا لي م ح تلل.

لام عتسا م تي ISO8528 عم قفاوتم PRP. عاطقن نود قيونسل ل م ع ل ا شاع اس ل ج ا ن م قلوبمجل قق اطل ري فو ت ي فري غتمل اءابر مكل ل م عتسي (PRP) م يارب قق اطل لام عتسا م تي ISO3046 بس ح ع اس 12 ل م ع ل ا ق رتف ي ف 10% دئال ل ل م ح تلل ل ج ا ن م قلوبمجل قق اطل.

ق ماع تافصاوم

جنومل م قرو م س	APD 110 C
زتره) ددرتلا	50
دوقولا عون	Diesel
قيراجتلا م تمل عو ي ئابرهكل دلومل جنوم	CUMMINS 6BT5.9-G2
قيراجتلا م تمل عو بوانتمل رايتلا دلوم جنوم	AK 480
مك ح تلل ا ق ح و ذ جنوم	DSE 6120
ق ر ج ل ا	ACP 6A

ل ر ح م ل تافصاوم

ل ر ح م ل	CUMMINS
ل ر ح م ل جنوم	6BT5.9-G2
(L) تان او ط س ا ل د د ع	6 cylinders - in line
ف ي و ج ت ل ا	102
ق م د ص ل ا	120
ق ن او ط س ا ل م ج ح	5,90
ءاول ط ف ش	Turbo Charged
ط غ ض ل ا ل د ع م	17.3:1
د ع ر س ل ا (d/dk)	1500
(ر ت ل) (ر ت ل ف ل ا ل م ا ش) ت ي ز ل ا ع س	13
(ق ي ل م ج ا ل) ن ا ص ح / ي ع ا س ط ا و ل ي ك ق ي ط ا ي ت ح ا ل ق ق ا ط ل ا	92/123
(ق ي ل م ج ا ل) ن ا ص ح / ي ع ا س ط ا و ل ي ك ق ي س ي ئ ر ل ا ق ق ا ط ل ا	86/115
ل ر ح م ل ق ل ت ك ن ي خ س ت ق ز ه ج ا د د ع	1
(ط ا و) ل ر ح م ل ق ل ت ك ن ي خ س ت ق ز ه ج ا ق ق ا ط	1000
دوقولا عون	Diesel
ن ق ح ل م ا ظ ن و عون	Direct
دوقولا ق خ ض م عون	BYC A
مك ح تلل 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 ك ل د ه ج ل ا	24 Vdc
(ع اس ل ا / ق ي م ك ل ا) ع س ل ا و ق ي ر ا ط ب ل ا	2x66
(ري ب م ا) بوانتمل ن ح ش ل ا ر ا ي ت	40

ق ب س م ل ا ر ا ب خ ل ا نود ن م ر و ص ل ا و ت ا ر ا و س س ك ا ل ا و ت ا د ع م ل ا و ن ا و ل ا ل ا و ق ي ن ف ل ا ت ا ف ص ا و م ل ا و ت ا ل ي د ع م ل ا ق ح ي ل ع ج ت ن م ل ا ط ف ا ح ي.



دي ربتل ا ققيرط

Water Cooled

(ققق قذ/ب عك م ر ت م) دي ربتل ا ق ح و ر م ع ا و ه ق ف د ت

136

(ر ت ل) (ر و ت ي د ا ر ل ا ع م / ط ق ف ك ر ح م) دي ربتل ا لئ اس ع س

7.9/35.9

ع ا و ل ا ر ت ل ف

Dry Type

(ع ع ا س / ر ت ل) ل م ح 100% د ن ع د و ق و ل ا ك ا ل م ت س ا

22

(ع ع ا س / ر ت ل) ل م ح 75% د ن ع د و ق و ل ا ك ا ل م ت س ا

17

(ع ع ا س / ر ت ل) ل م ح 50% د ن ع د و ق و ل ا ك ا ل م ت س ا

11

بوان تمل رايتل ا دلوم تافصاوم

Manufacturer

Aksa

دي راج تمل م ت م ا ل ع و بوان تمل رايتل ا دلوم ج ذ و م ن

AK 480

(ز ت ر ه) د د ر ت ل ا

50

(ر ي ب م ا ت ل و ف و ل ي ك) ق ق ا ط ل ا

100

(V) ي ئ ا ب ر ه ك ل ا د ه ج ل ا

400

ر و ط ل ا

3

ي ك ي ت ا م و ت و ا ل ا د ه ج ل ا م ط ن م

SX460

د ه ج ل ا م ط ن م

(+/-)1%

ل ز ع ل ا م ا ط ن

H

ع ي ا م ح ل ا ف ن ص

IP22

ق ق ا ط ل ا ل م ا ع

0.8

(ع ك) ي ل ك ل ا د ل و م ل ا ن ز و

406

دي ربتل ا ع ا و ه

30,84

(م م) ح و ت ف م ل ا ع و ن ل ا و ذ ي ئ ا ب ر ه ك ل ا د ل و م ل ا ت ا س ا ي ق

ل و ط ل ا

2150

ض ر ر ع ل ا

1000

ع ا ف ت ر ا ل ا

1469

DRY WEIGHT (kg.)

1280

ن ا ز خ ع س

195

(م م) ي ئ ا ب ر ه ك ل ا D L و م ل ا ق ر ج ت ا س ا ي ق

ل و ط ل ا

2600

ض ر ر ع ل ا

1058

ع ا ف ت ر ا ل ا

1590

DRY WEIGHT (kg.)

1480

ن ا ز خ ع س

180

ق د م ق م ل ا

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.

ق ب س م ل ا ر ا ب خ ا ل ا ن و د ن م ر و ص ل ا و ت ا ر ا و س س ك ا ل ا و ت ا د ع م ل ا و ن ا و ل ا ل ا و ع ي ن ف ل ا ت ا ف ص ا و م ل ا و ت ا ل ي د و م ل ا ي ف ل ي د ع ت ل ا ق ح ي ل ع ج ت ن م ل ا ط ف ا ح ي



مكحتلا ةحول

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

قزهال

- 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

قابسمل رابخال نود نم روصلال تارالسكالاو تادعملال ناولال او 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 تافصاومل 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

Remote Radiator Cooling

Fuel-Water Seperator 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

Manual oil drain pump

Enclosure: weater protective or sound attenuated

Trailer

Tool kit for maintenance

قېسملار رابخالانود نم روصوللار تاراورسكئالار و تادعمللار و ناولالار و قينفلل تافصاومللار و تاليدومللار و فليلدعتلار و ح و ل و ع چتئلار و ظفاحي



تاداهشلا

- TS ISO 9001-2008