



(رييـمـا تـلـوـفـ وـلـيـكـ) قـقـاطـلـا

3 روطـلـا 50 Hz, PF 0.8

يـئـابـرـهـكـلـا دـدـجـلـا	يـابـ دـنـاتـسـ قـقـاطـلـا (ESP)		ميـارـبـ قـقـاطـلـا (PRP)		Standby Amper
	kW	kVA	kW	kVA	
400/231	116,00	145,00	105,60	132,00	209,30

حـمـيـ مـلـ ISO8528 عـمـ قـفـاوـتـمـ، نـمـآلـ ئـكـبـشـلـا رـدـصـمـ عـاطـقـنـا لـاحـ يـفـ ئـلـومـحـلـلـ ئـقـاطـلـا رـيـفـوتـ يـفـرـيـغـتـمـلـا ئـابـرـهـكـلـا لـمـعـتـسـيـ (ESP) ئـابـ دـنـاتـسـ قـقـاطـلـا طـرفـمـلـا لـيـمـحـتـلـلـ.

لـامـعـتـسـاـهـتـيـ ISO8528 عـمـ قـفـاوـتـمـ، PRP. عـاطـقـنـا نـودـ ئـيـونـسـلـا لـمـعـلـا لـاعـسـ لـجـأـ نـمـ ئـلـومـحـلـلـ ئـقـاطـلـا رـيـفـوتـ يـفـرـيـغـتـمـلـا ئـابـرـهـكـلـا لـمـعـتـسـيـ (PRP) مـيـارـبـ قـقـاطـلـا بـسـحـ ئـاعـسـ 12 لـمـعـلـا قـرـتـفـ يـفـ 10% دـيـازـلـا لـيـمـحـتـلـلـ لـجـأـ نـمـ دـدـحـاوـ ئـاعـسـ ISO3046.

قـمـاعـ تـافـصـلـاـمـ

جـذـوـمـنـلـا مـقـرـوـمـا	APD 145 C
(زـتـرـهـ) دـدـرـتـلـا	50
دوـقـوـلـا عـونـ	Diesel
قـيـرـاجـتـلـا هـتـمـالـعـوـ يـئـابـرـهـكـلـا دـلـوـمـلـا جـذـوـمـنـ	CUMMINS 6BTAA5.9-G2
قـيـرـاجـتـلـا هـتـمـالـعـوـ بـوـانـتـمـلـا رـايـتـلـا دـلـوـمـلـا جـذـوـمـنـ	AK 4110
مـكـحـتـلـا تـحـولـ وـذـجـوـمـنـ	DSE 6120
قـرـجـحـلـا	AK 49

كـرـحـمـلـا تـافـصـلـاـمـ

كـرـحـمـلـا	CUMMINS
كـرـحـمـلـا جـذـوـمـنـ	6BTAA5.9-G2
(تـانـاوـطـسـلـا دـدـعـ)	6 cylinders - in line
فـيـوـجـتـلـا	102
قـمـدـصـلـا	120
قـنـاوـطـسـلـا مـجـحـ	5.90
ءـاوـمـلـا طـفـشـ	Turbo Charged and Charge Air Cooled
طـغـضـلـا لـدـعـ	17.3:1
ـعـرـمـلـا (d/dk)	1500
(رـتـلـ) (رـتـلـفـلـا إـلـاشـ) تـيـزـلـا ئـعـسـ	16.4
(قـيـلـامـجـالـا) نـاصـحـ / ئـيـعـاسـ طـاوـوـلـيـكـ	130/174
(قـيـلـامـجـالـا) نـاصـحـ / ئـيـعـاسـ طـاوـوـلـيـكـ	120/161
كـرـحـمـلـا قـلـتـكـ نـيـخـسـتـ قـزـهـجـ دـدـعـ	1
(طـاوـ) كـرـحـمـلـا قـلـتـكـ نـيـخـسـتـ قـزـهـجـ قـقـاطـلـا	1000
دوـقـوـلـا عـونـ	Diesel
نـقـحـلـا مـاظـنـوـ عـونـ	Direct
دوـقـوـلـا ئـخـضـمـ عـونـ	BYC PB
مـكـحـتـلـا مـاظـنـ	Electronic
(رـمـتـسـمـ رـايـتـ تـلـوـفـ) لـيـخـشـتـلـلـ يـئـابـرـهـكـلـا دـدـجـلـا	24 Vdc
(ـعـاسـلـا/قـيـمـكـلـا) ئـعـسـلـاـوـ قـيـرـاطـبـلـا	2x66
(رـيـبـمـ) بـوـانـتـمـلـا رـايـتـ حـشـلـا	40

قـبـسـمـلـا رـابـخـالـا نـودـ نـمـ روـصـلـا اوـ تـارـاوـسـسـكـالـ اوـ تـادـعـمـلـا اوـ نـاـولـلـا اوـ ئـيـنـفـلـا تـافـصـلـاـمـلـا اوـ تـالـيـدـوـمـلـا يـفـ لـيـدـعـتـلـا قـحـ ىـلـعـ جـتـنـمـلـا ظـفـاحـيـ.



ديربتلا ۋەقىرط

Water Cooled

(قىيقد/باعكمىتم) دىربتلا ۋەحىرىم ئاوه قىفتىت

148

(رەتل) (روتىدارلا عەم / طقىف كىرەم) دىربتلا لىئاس ۋەعس

10/54

ءاوهەلارەتلەف

Dry Type

(ۋەعس/رەتل) لەم 100% دەن دوقۇلماڭ ئالەتلىسى

30

(ۋەعس/رەتل) لەم 75% دەن دوقۇلماڭ ئالەتلىسى

23

(ۋەعس/رەتل) لەم 50% دەن دوقۇلماڭ ئالەتلىسى

16

بوانتمەلارايىتلا دلۇم تافصىلەم

Manufacturer

Aksa

تىراجىتلا مەتمالۇ بوانتمەلارايىتلا دلۇم جۇونەن

AK 4110

(زىترە) دىرتىلا

50

(رېبمأ تىلۇف ولۇك) ۋەقىاطلا

137,5

(V) يىابىرەكلى دەجلە

400

رۇطلا

3

يىكىيەتامۇشتوڭلا دەجلە مەزنەن

AS460

دەجلە مەزنەن

(+/-)1,5%

لەزغىلما ئاطنەن

H

تىپامەجلا فەنەن

IP22

ۋەقىاطلا لەماع

0.8

(غۇڭ) يىلكلە دلۇملا نازۇ

492

ديربتلا ئاوه

30,84

(مم) حوتىفەملە عونىلما و ذىيابىرەكلى دلۇملا تاسىسىقى

لۇطلا

2290

ضىرعلا

1000

عافىتىرالا

1474

DRY WEIGHT (kg.)

1360

نازىخ ۋەعس

195

(مم) يىابىرەكلى دلۇملا قىچىح تاسىسىقى

لۇطلا

3404

ضىرعلا

1136

عافىتىرالا

2020

DRY WEIGHT (kg.)

1780

نازىخ ۋەعس

340

ۋەقىقەملە

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.

قىبىسەلارابىخالا نود نم روصلۇ او تىاراوسىنىڭ ئال او تادىعىمىل او ناوللار او ئىن فىلە تافصىلەملى او تالىي دوملا ىف لىيدىعىتلا قىچىلۇ جىتنەملا ظفاحى.



مکحتل ا ۋەحول

مکحتل ا ۋەحول DSE

مکحتل ا ۋەحول دىجىتال DSE 6120

لاصىتالا نفانم CANBUS

##CONTROL PANEL IMAGE## ##CONTROL PANEL TABLE##

قىزەچالا

- 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.

بىكىرتلما

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)

مکحتل ا ۋەحول تادلىملا

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.

قىرىايىم تافاصىلۇم

- 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.

سايىقلاتارشۇم

ENGINE

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

GENERATOR

قىسىملا رابخالا نود نم روصلما او تاراوسىنىڭال او تادىعىملا او ناولالا او ئين فىلا تافاصىلۇملا او تالىيىدملا ئىفلىدىعىتلە قىچىلۇ جىتنىملا ظفاحىي.



-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.

تاریخ

-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).

رییاعمل

-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) يكىياتتسالا ئيراطبلا موقم

قىسىملا رابخالا نود نم روصلماو تاراو سىكال او تادعىملاو ناوللار او ئينفلاتا فلس اومىل او تاليدوملا ئىفلىدە عىتلارىچى جىتنىملا ظفاحى.



- 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.

ةيراي ع تافص او م

- 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

ي راي ت خا ت ال ال ا

ENGINE

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

Enclosure: weater protective or sound attenuated

Trailer

Tool kit for maintenance

تاداهش ل

- TS ISO 9001-2008

قبس مل رابخالا نود نم روصل او تار او سپس کمال او تادع مل او ناول ال او ئين فلل تافص او مل او تال يدولما ىف ليدع تلا قح ىل دع جتن مل ظفاحي.



- CE

قىسىملا رابخالا نود نم روصلماو تاراوسىنىڭال او تادىعىملماو ناوللار او ئينلىكلى تافصىلماو تالىدۈمىلما ئىف لىدىعىتلما قىچىلۇ جىتنىملا ظفاحى.