


(ري بىم تلوف وليك) قىق اطل

50 Hz, PF 0.8, روطلا 3

يئابرهكلا دهجل	(ESP) ياب دناتس قىق اطل		(PRP) ميارب قىق اطل		Standby Amper
	kW	kVA	kW	kVA	
400/231	116,00	145,00	105,60	132,00	209,30

حمىي مل ISO8528 عم قفاوتم ESP. نمالا قىقبشلا ردصم عاطقنلا لاج يف قىق اطل ريغوت يفرى غتملا ءابرهكلا لمعتسى (ESP) ياب دناتس قىق اطل طرفملا لىمحتلل.

لامعتسى مئى ISO8528 عم قفاوتم PRP. عاطقنلا نود قىقونسلال لمعلال شاعسل لاج نم قىق اطل ريغوت يفرى غتملا ءابرهكلا لمعتسى (PRP) ميارب قىق اطل لامعتسى مئى ISO3046 بىسح قىق اطل 12 لمعلال قىقب يف 10% دىزالا لىمحتلا لاج نم قىق اطل دهجل.

قىق اطل تافصاوم

جىومنلا مقرو مئى	APD 145 C
زىتره) ددرتلا	50
دوقولا عون	Diesel
قىق اطل مئى غول مئى يابرهكلا دلوملا جىومن	CUMMINS 6BTAA5.9-G2
قىق اطل مئى غول بوانتملا رايىتلا دلوم جىومن	AK 4110
مكحتلا ءىول وى جىومن	DSE 6120
قىق اطل	AK 49

قىق اطل تافصاوم

كىرچملا	CUMMINS
كىرچملا جىومن	6BTAA5.9-G2
(L) تان او طسالا ددع	6 cylinders - in line
فىوچىتلا	102
قىق اطل	120
قىق اطل مچج	5.90
ءاولا طفش	Turbo Charged and Charge Air Cooled
طغضلا لدغم	17.3:1
قىق اطل (d/dk)	1500
(رىتل) (رىتل فىلالملاش) تىزلا قىق اطل	16.4
(قىق اطل مچجال) ناصح / يعاس طاولوك قىق اطل	130/174
(قىق اطل مچجال) ناصح / يعاس طاولوك قىق اطل	120/161
كىرچملا قىق اطل نىخست قىق اطل ددع	1
(طاو) كىرچملا قىق اطل نىخست قىق اطل	1000
دوقولا عون	Diesel
نىق اطل ماضن عون	Direct
دوقولا قىق اطل ماضن عون	BYC PB
مكحتلا ماضن	Electronic
(مئى غول رايىت تلوف) لىمحتلا لىمحتلا دهجل	24 Vdc
(قىق اطل/قىق اطل) قىق اطل	2x66
(رىبم) بوانتملا نىخستلا رايىت	40

قىق اطل رابخال نود نم روصلاو تاراو سىكالاو تادعلاو ناولالاو قىق اطل تافصاوملاو تاللىملا يف لىمحتلا قىق اطل جىومنلا طغضلا.



دیربیتل قیطر

Water Cooled

(قیقذ/ب عکمرتم) دیربیتل عورم عاوہ قفدت

148

(رتل) (روتیدارل عم / طقف کرحم) دیربیتل لئاس عیس

10/54

عاوهل رتلف

Dry Type

(عاس/رتل) لمح 100% دن ع دوقولا کالمتسا

30

(عاس/رتل) لمح 75% دن ع دوقولا کالمتسا

23

(عاس/رتل) لمح 50% دن ع دوقولا کالمتسا

16

بیوانتمل رایتل دلوم تافصاوم

Manufacturer

Aksa

یراجتلا متمال عو بیوانتمل رایتل دلوم جذومن

AK 4110

(زتره) ددرتلا

50

(ریبم تلوف ولیک) ققاطلا

137,5

(V) یئابرهکلا دهجلا

400

روطلا

3

یکیتاموتوالا دهجلا مظنم

AS460

دهجلا مظنم

(+/-)1,5%

لزعلماظن

H

یمالحا فنص

IP22

ققاطلا لماع

0.8

(غک) یلکلا دلوملا نزو

492

دیربیتل عاوہ

30,84

(مم) حوتفملا عونلا وئ یئابرهکلا دلوملا تاسایق

لوطلا

2290

ضررعل

1000

عافترا ل

1474

DRY WEIGHT (kg.)

1360

نازخ عیس

195

(مم) یئابرهکلا دلوملا قرج تاسایق

لوطلا

3404

ضررعل

1136

عافترا ل

2020

DRY WEIGHT (kg.)

1780

نازخ عیس

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 روصلالو تاروسسکالو تادعملالو ناولالو ینفل تافصاوملاو تالیخوملا یف لیدعتلا قح یل ع جتنملا ظفاحی.



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

قابسمل رابخال نود نم روصلال تاروايسكالاو 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 ا رابخال ا نود 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

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

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



- CE

ق.ب.س.م.ا.ر.اب.خ.ا.ل.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.ا.ل.ا.و.ف.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.ظ.ف.ا.ح.ي.