

(ري بـمأ تلوف وليك) عـق اـطـلـا

3 روطلا 50 Hz, PF 0.8

ي ئاب رەڭدا دەجىلا	(ESP) ياب دىناتىس قىيا		(PRP) مىيارب قىيا		Standby Amper
	kW	kVA	kW	kVA	
400/231	26,40	33,00	24,00	30,00	47,63

حسني مل ISO8528 عم قفاوتم ، ESP. نمالا تلبشلا ردصم عاطقنا لاح يف ؤلومحلل ققاطا ريفوت يفري غتملا ءابوطلال لم عتسي (ESP) ياب نداتس ققاط طرفملا ليمحتلل.

لام عتسأ جتني ISO8528 عم قفاوتم ،PRP. عاطقنا نود قيونسلال لم علأ اتاعسل لجا نم قلو ملحلل قعاطلا ريفوت يف ري عمتلا ءابزللا لم عتسي (PRP) مارب قعاط
ISO3046 بسح ععاس 12 لم علأ قرتعت يف 10% دئازلا لم عمتلا لجا نم قندحو ععاس

قماع تافصاوم

جنومللا مقرو مس	AJD 33
(زتره) ددرتلا	50
دوقولا عون	Diesel
ةيراجتلا مئمال عو يئابرمكلا دلوملا جنوم	JOHN DEERE 3029DFG20
ةيراجتلا مئمال عو بوانتملا رايتلا دلوم جنوم	ECP 28-VL/4 C
مكحتلا ةحول وذ جنوم	DSE 6120
قرجلا	AK 20

كـرحملا تافصاوم

كتر حمل	JOHN DEERE
كتر حمل جذون	3029DFG20
(L) تان او طس آل ددع	3 cylinders - in line
فئو جئلا	106
ئم دئصلا	110
قن او طس آل م ج ح	2.9
ء او ملا طففش	Naturally Aspirated
طغ مئضلا لدعم	17.2:1
ة عرسل (d/dk)	1500
(رئلا) (رئلا فلّ الماش) ئئزلا ة عس	6
(ةئلا م ج ال) ناصح / ئعاس طاوولئك ةئطائئح ال ةقا طلا	30/41
(ةئلا م ج ال) ناصح / ئعاس طاوولئك ةئسئئزلا ةقا طلا	28/37
كتر حمل ةلئك ئئئسئ ةزءءا ددع	1
(طاو) كتر حمل ةلئك ئئئسئ ةزءءا ةقا ط	500
دوقولا عون	Diesel
نقّال مائنو عون	Direct
دوقولا ةمئضم عون	Delphi DP100G
مكئحئلا مائنو	Mechanic
(رمئسم رائئ ئلوف) لئئغشئلل ئئابرهلكلا دهئلا	12 Vdc
(ةعاسل/ةئمكلا) ةعسل او ةئراطبللا	1x55
دئربئلا ةقئرط	Water Cooled

ق.قبسمل رابخالا نود نم روصل او تار اوسس كئال او تادعمل او ناولال او عي نفل ا تافص او مل او تال يدومل ا ف ل يدعتل ا ق ح ل ع جت نمل ا ظف احي



(ةقيقد/ابعكلمرتم) ديرببتلا ةحورم ءاوه قفدت	81
(رتل) (روتيدارلا عم / طقف لئرحم) ديرببتلا لئاس ةعس	6/15
ءاوملا رتلف	Dry Type
(ةعاس/رتل) لمح 100% دن ع دوقولا لكالمسا	6.4
(ةعاس/رتل) لمح 75% دن ع دوقولا لكالمسا	4.7
(ةعاس/رتل) لمح 50% دن ع دوقولا لكالمسا	3.4

بوانتملا راي تلا دلوم تافصاوم

Manufacturer	Mecc Alte
ةيراجتلا مةمالعو بوانتملا رايتلا دلوم جنوم	ECP 28-VL/4 C
(زتره) ددرتلا	50
(ريبم) تلوف وليك) ةقاطلا	30
(V) يئابرمكلا دهجل	400
روطلا	3
يكيتاموتوالا دهجل مظنم	DSR
دهجل مظنم	1% (+/-)
لزعلا ماظن	H
ةيماحل فنص	IP23
ةقاطلا لماع	0.8
(غك) يلكلا دلوملا نزو	141.8
ديربتلا ءاوه	6.6

(مم) حوتفملا عونلا وذي ئابر هكلا دلوملا تاسايق

لوطا	1490
ضرع	900
عافترا	1212
DRY WEIGHT (kg.)	735
نازخ عس	70

(مم) يئابر هكلا دلوملا قرجح تاسايق

لوطا	2101
ضرع	956
عافترا	1482
DRY WEIGHT (kg.)	915
نازخ عيس	70

مقدمه

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.

مك ح تل ا ة حول

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مكحيتلا قدحو	DSE
مكحيتلا قدحو وذ جذومن	DSE 6120
لاصتالا ذفانم	CANBUS
##CONTROL PANEL IMAGE##	##CONTROL PANEL TABLE##

قره جال

- 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 قدحو 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.

٥٠٤ رأي عام 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.

سای قلا تارشوم

ENGINE

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

GENERATOR

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

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.ك.ا.ل.ا.و.ت.ا.د.ع.م.ل.ا.و.ن.ا.و.ل.ا.ا.و.ق.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.



-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.

تأرايخ

-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).

ريياعملا

-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 ةيراطبلا موقم

- Battery charger is manufactured with switching-mode and SMD technology and it has high efficiency.

قبسمل رابخالا نود نم روصلالو تاواروسسكالو تادعملالو ناولالو ةينفلا تافصاوملاو تاليوملا فليدعتلا قح ىلع جتنملا ظفاحي



- 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.

قاري 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

قاري تخا تالال

ENGINE

- Fuel-Water Separator Filter
- Low water level alarm
- Oil heater

ALTERNATOR

- Anti-Condensation Heater
- Over sized alternator
- Single Phase (4 lead)
- Main line circuit breaker

CONTROL SYSTEM

- Remote annunciator panel
- Earth fault, single set
- Charge Ammeter

TRANSFER SWITCH

- Three or four pole contactor
- Three or four pole motor operated circuit breaker

OTHER ACCESSORIES

- Main Fuel Tank
- Automatic or manual fuel filling system

قابسما رابخالا نود نم روصلاو تاروايسكالاو تادعمل او ناولالاو قينفلا تافصاوملاو تاليدوملا ف ليدعتلا قح و ل ع جتنملا ظفاحي



Manual oil drain pump

Low and high fuel level alarm

Residential silencer

Enclosure: weater protective or sound attenuated

Duct adapter (on radiator)

Inlet and outlet motorised louvers

Inlet and outlet acoustic baffles

Trailer

Tool kit for maintenance

1500/3000 hours maintenance kit

Double wall chassis

Supplied with oil and coolant - 30 °C

تاداهشل

- TS ISO 8528
- TS ISO 9001-2008
- CE
- SZUTEST
- 2000/14/EC