


(ري بىم تلوف وليك) قىق اطل

50 Hz, PF 0.8, روطلا 3

يئابردىكلا دهجلا	(ESP) ياب دناتس قىق اطل		(PRP) ميارب قىق اطل		Standby Amper
	kW	kVA	kW	kVA	
400/231	44,00	55,00	40,00	50,00	79,39

حسنى مل ISO8528 عم قفاوتم ESP. نالال قىقبشلا ردصم عاطقنلا لاج يف قىق اطل ريغوت يفرى غىتملا ءابردىكلا لمعتسى (ESP) ياب دناتس قىق اطل طرفملا لىمحتلل.

لامعتسا مئى ISO8528 عم قفاوتم PRP. عاطقنلا نود قىقونسلال لمعلال تاعاس لاج نم قىق اطل ريغوت يفرى غىتملا ءابردىكلا لمعتسى (PRP) ميارب قىق اطل لامعتسا مئى ISO3046 بىسح قىق اطل 12 لمعلال قىق اطل 10% دىزالا لىمحتلا لاج نم قىق اطل تاعاس.

قىق اطل تافصاوم

جىقونسلال مقرو مئى	AC 55
زىتره) ددرتلا	50
دوقولا غون	Diesel
قىق اطل تافصاوم مئى يابردىكلا دىقونسلال	CUMMINS S3.8-G6
قىق اطل تافصاوم مئى بىوانىملا رايىتلا دىقونسلال	ECP 32-1M/4 C
مكىحتلا 11 قىق اطل دىقونسلال	DSE 6120
قىق اطل	AK 30

قىق اطل تافصاوم

كىرچىملا	CUMMINS
كىرچىملا جىقونسلال	S3.8-G6
(L) تان او طسالا ددى	4 cylinders - in line
فىقونسلال	97
قىق اطل	128
قىق اطل مچج	3.8
ءاولا قىق اطل	Turbo Charged
طغضلا لددىم	17.5:1
(d/dk) قىق اطل	1500
(رىتل) (رىتل قىق اطل) (تىزلال قىق اطل)	11
(قىق اطل مچجال) ناصح / ي عاس طاولوليك قىق اطل	53.6/71.9
(قىق اطل مچجال) ناصح / ي عاس طاولوليك قىق اطل	48.7/65.3
كىرچىملا قىق اطل نىخسىت قىق اطل ددى	1
(طاو) كىرچىملا قىق اطل نىخسىت قىق اطل	750
دوقولا غون	Diesel
نقىق اطل مازن غون	Direct
دوقولا قىق اطل	Bosh In-Line
مكىحتلا مازن	Mechanic
(مئىسم رايىت تلوف) لى غىق اطل لىقونسلال دىقونسلال	12 Vdc
(قىق اطل/قىق اطل) قىق اطل	1x66
(رىبىم) بىوانىملا نىخسىت رايىت	40

قىق اطل رابىخال نود نم روصلاو تارابىسكالاو تادىملاو ناولالاو قىق اطل تافصاوملاو تاللىقونسلال قىق اطل لىقونسلال قىق اطل.



ديربتلا فقي رط	Water Cooled
(ةقي قد/بع كم رتم) ديربتلا ةحورم ءاوه قفدت	82
(رتل) (روتيدارل عم / طقف كرحم) ديربتلا لئاس ةعس	7/14.5
ءاومل رتلف	Dry Type
(ةعاس/رتل) لمح 100% دن ع دوقول كال هتسا	12.8
(ةعاس/رتل) لمح 75% دن ع دوقول كال هتسا	9.5
(ةعاس/رتل) لمح 50% دن ع دوقول كال هتسا	6.5

بوانتملا راي تلا دلوم تافصاوم

Manufacturer	Mecc Alte
فيراچيتا هتال عو بوانتال رايتال دلوم جزونم	ECP 32-1M/4 C
(زتره) ددرتال	50
(ريبم) تلوف وليك) ققاطلا	50
(V) يئابركلا دهجل	400
روطلا	3
يكيتاموتوالا دهجل مظنم	DSR
دهجل مظنم	1% (+/-)
لزعلا ماطن	H
ةيامجال فنص	IP23
ققاطلا لماع	0.8
(غك) يللكلا دلوملا نزو	186
ديربتلا ءاوه	15.7

(مم) حوتفملا عونلا وذي ئابرهكلا دلوملا تاسايق

لوطا	1780
ضرع	950
عافترا	1290
DRY WEIGHT (kg.)	890
نازخ عس	130

(مم) يئابر هكلا دلوملا قرجح تاسايق

لوطا	2472
ضرع	1006
عافترا	1537
DRY WEIGHT (kg.)	1160
نازخ عس	130

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.

ق.قبسمل رابخالا نود نم روصول او تار اوسسكالاو 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



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

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.

تاراي 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).

ري ياعمل

-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 موقم

قبسمل رابخال نود نم روصلال تاراوسسكال او تادعملال ناولال او ةينفل تافصاومل او تاليدومل ف ليدعتل قح ىل ع جتنمل 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.

ةيراي 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
- Generators Sets' voltage and frequency regulation comply with ISO 8528-5 Generators Sets' can take 100% load at one step according to NFPA110

يراي تخا تالال

ENGINE

- Remote Radiator Cooling
- Fuel-Water Separator Filter
- Low water level alarm
- Oil heater

ALTERNATOR

- Anti-Condensation Heater
- Over sized alternator
- 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

قبسمل رابخال نود نم روصلال و تاروسسكال و تادعملال و ناولال او ةينفل تافصاومال و تاليدومال ف ليدعتل قح و ل ع جتنمل ظفاحي

**OTHER ACCESSORIES**

- Main Fuel Tank
- Automatic or manual fuel filling system
- 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
- Battery isolating switch

تاداهشل

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