


(ري بىم تلوف وليك) قىق اطل

50 Hz, PF 0.8, روطلا 3

يئابرهكلا دهجل	(ESP) ياب دناتس قىق		(PRP) ميارب قىق		Standby Amper
	kW	kVA	kW	kVA	
400/231	120,00	150,00	108,00	135,00	216,51

حمىي مل ISO8528 عم قفاوتم ESP. نال اكعبشلا رصم عاطقن لاج يف قىق اطل ريغوت يفرى غتملا ءابرهكلا لمعتسي (ESP) ياب دناتس قىق اطل طرفملا ليمحتلل.

لامعتسا متي ISO8528 عم قفاوتم PRP. عاطقن نود قىقونسل لملعلا شاعسل لاج نم قىق اطل ريغوت يفرى غتملا ءابرهكلا لمعتسي (PRP) ميارب قىق اطل لامعتسا متي ISO3046 بسح عاقل 12 لملعلا قىق يف 10% دىزال ليمحتلا لاج نم قىق اطل عاقل.

قىق اطل تافصاوم

جىومل مقرر ماس	AC 150
زتره) ددرتلا	50
دوقولا عون	Diesel
قىق اطل ممتال عو يئابرهكلا دلومل جىومل	CUMMINS 6BTAA5.9-G6
قىق اطل ممتال عو بوانتملا رايتملا دلوم جىومل	ECP 34-2M/4 C
مكحتلا 11 حول و جىومل	DSE 6120
قىق اطل	MS 60

لكرچملا تافصاوم

لكرچملا	CUMMINS
لكرچملا جىومل	6BTAA5.9-G6
(L) تان او طسالا ددع	6 cylinders - in line
فىوچتلا	102
قىق اطل	120
قىق اطل م ج ج	5.9
ءاولملا طفش	Turbo Charged and Charge Air Cooled
طغضلا لدغم	16.5:1
قىق اطل (d/dk)	1500
(رنتل) (رنتل) (رنتل) (رنتل) (رنتل) (رنتل)	16.4
(قىق اطل م ج ج) / يعاس طاولوك قىق اطل	145/195
(قىق اطل م ج ج) / يعاس طاولوك قىق اطل	135/180
لكرچملا قىق اطل قىق اطل	1
(طاو) لكرچملا قىق اطل قىق اطل	1000
دوقولا عون	Diesel
نقىق اطل م اظن عون	Direct
دوقولا قىق اطل م اظن عون	Bosch Rotary Type
مكحتلا م اظن	Electronic
(رمتسم رايتم تلوف) لىغشتلا يئابرهكلا دهجل	12 Vdc
(قىق اطل م ج ج) / يعاس طاولوك قىق اطل	1x85
(ري بىم) بوانتملا نحتلا رايتم	55

قىق اطل رابخال نود نم روصلاو تارواسىكالاو تادعلاو ناولالاو قىق اطل تافصاوملاو تاليملاو قىق اطل لىغشتلا قىق اطل جىومل طغضلا.



ديربتل ققيرط	Water Cooled
(ةق يق د/ب ع كم رتم) ديربتل ةحورم ءاوه قفدت	162
(رتل) (روتيدارل عم / طقف كثر جم) ديربتل لئاس ةعس	9.1/21.4
ءاوهل رتلف	Dry Type
(ةعاس/رتل) لمح 100% دن ع دوقول كال هتسا	35
(ةعاس/رتل) لمح 75% دن ع دوقول كال هتسا	27
(ةعاس/رتل) لمح 50% دن ع دوقول كال هتسا	18

بوانتملا راي تلا دلوم تافصاوم

Manufacturer	Mecc Alte
فيراچيتا هتال عو بوانتال رايتال دلوم جنوم	ECP 34-2M/4 C
(زتره) ددرتال	50
(ريپم) تلوف وليك) ققاطلا	135
(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	388
ديربتلا ءاوه	29.2

(مم) حوتفملا عونلا وذي ئابرهكلا دلوملا تاسايق

لوطلا	2750
ضرر عل	1300
عافترا ل	1821
DRY WEIGHT (kg.)	1485
نازخ عس	470

(مم) يئابر هكلا دلوملا قرجح تاسايق

لوطا	3934
ضرع	1356
عافترا	2156
DRY WEIGHT (kg.)	2275
نازخ عس	470

مقدمه

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 اوسس كئال او تادعمل او ناولال او عي نفل تا فصول او مل او تال يدومل اى ف ل يدعتل ا ق ح لى ع جت نمل ا ظف 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

قبسمل رابخال نود نم روصلاو 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.

تارايخ

-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).

ريياعمل

-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 تادعمل او 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.

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

قاري تخا تالال

ENGINE

- 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
- Remote relay output
- Alarm output relays
- Remote communication with modem
- Earth fault, single set
- Charge Ammeter

TRANSFER SWITCH

قبسمل رابخال نود نم روصلال تارواوسسكال او تادعملال ناولال او قينفل تافصاومل او تاليدومل ىف ليدعتل قح ىل ع جتنمل ظفاحي



Three Pole Contactor

Four Pole Contactor

Three or four pole motor operated circuit breaker

OTHER ACCESSORIES

Main Fuel Tank

Automatic or manual fuel filling system

Manual oil drain pump

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

Supplied with oil and coolant - 30 °C

Battery isolating switch

Automatic transfer switch

تاداهشل

- TS ISO 8528

- TS ISO 9001-2008

- CE

- SZUTEST

- 2000/14/EC