

(ري بـمأ تلوف وليك) عـق اـطـلـا

3, 50 Hz, PF 0.8, روطلا

ي ئاب رەڭكلا دەجلا	(ESP) ياب دئاتس ققاپ		(PRP) ميارب ققاپ		Standby Amper
	kW	kVA	kW	kVA	
400/231	17,60	22,00	16,00	20,00	31,76

حسني مل ISO8528 عم قفاوتم ، ESP. زم اإلأ كلبشلا ردصم عاطقنا لاح يف ؤلومحلل ققاطلا ريفوت يفري غتملا ءابوطلا لم عتسي (ESP) ياب دناتس ققاط طرفملا ليمحتلل.

لام عتسأ جتدي ISO8528 عم قفاوتم ،PRP. عاطقنا نود قيونسلال لم علأ تا عاسل لجا نم قلو ملحلل قعاطلا ريفوت يف ري عمتلا ءاب رطلال لم عتسي (PRP) مارب قعاط لام عتسأ جتدي ISO3046 بسح عاس 12 لم علأ قرتعت يف 10% دئازلا لم يملحتل لجا نم قندحو عاس

قماع تافصاوم

چڙومڻ لاءِ مقرر ٿيل	AP 22
(زيترو) ڊيگري	50
دوقولائي	Diesel
ڊيگري ٿيل مٿس لاءِ استعمال ٿيل	PERKINS 404A-22G1
ڊيگري ٿيل مٿس لاءِ استعمال ٿيل	ECP 28-M/4 C
مڪمل ٿيل ڊيگري	DSE 6120
ڊيگري	AK 11

كړ حمل ا ت افص اوم

كتر حمل	PERKINS
كتر حمل جذوم	404A-22G1
(L) تان او طس آل ددع	4 cylinders - in line
فئو جئلا	84
ئم دئصلا	100
قن او طس آل م ج ح	2.216
ء او ملا طففش	Naturally Aspirated
طغ مئضلا لدعم	23.3:1
ء عرسل (d/dk)	1500
(رئلا) (رئلا فلّالّاماش) ئئزل ء عس	10.6
(ءئل امجال) ناصح / ئعاس طاوولئك ئئطائئح ال ءقا طلا	20.6/27.61
(ءئل امجال) ناصح / ئعاس طاوولئك ئئسئئزل ءقا طلا	18.7/25,06
كتر حمل ءلئك ئئخسئ ءزءءا ددع	1
(طاو) كتر حمل ءلئك ئئخسئ ءزءءا ءقا ط	500
دوقولا عون	Diesel
ئقّال مائنو عون	Indirect
دوقولا ءخضم عون	Zexel Cassette type - In-Line
مكحئلا مائنو	Mechanic
(رمئسم راءئئ ئلوف) لئغشئلل ئئابرهلكلا دهجال	12 Vdc
(ءعاسل/ءئمكلا) ءعسل او ءئراطبل	1x55
(رئبم) بوانئئمل نئشلا راءئئ	15

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



دي ربتل ققيرط

Water Cooled

(رتل) (روتيدارلا عم / طقف لجرم) دي ربتل لئاس عس

/7.0

ءاولا رتلف

Dry Type

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

5.3

(عاس/رتل) لمح 75% دن ع دوقولا كالمستسا

4

(عاس/رتل) لمح 50% دن ع دوقولا كالمستسا

2.9

بوانتمل رايتمل دلوم تافصاوم

Manufacturer

Mecc Alte

ةيراجتمل متمالعو بوانتمل رايتمل دلوم جنوم

ECP 28-M/4 C

(زتره) ددرتمل

50

(ريبم تلوف وليك) ققاطلا

20

(V) يئابرهمكلا دهجلا

400

روطلا

3

يكييتاموتوالا دهجلا مظنم

DSR

دهجلا مظنم

(+/-)1%

لزعلماظن

H

ةيامحل فنص

IP23

ققاطلا لماع

0.8

(غك) يللكلا دلوملا نزو

106

دي ربتل ءاوه

6.6

(مم) حوتفتمل عونلا وذي ئابرهمكلا دلوملا تاسايق

لوطلا

1291

ضررعل

850

عافتراالا

1092

DRY WEIGHT (kg.)

500

نازخ عس

38

(مم) يئابرهمكلا دلوملا قرج تاسايق

لوطلا

1851

ضررعل

906

عافتراالا

1149

DRY WEIGHT (kg.)

615

نازخ عس

38

ةمدقملا

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.

مكحتلا ةحول

قبسمل رابخالا نود نم روصلاو تاراويسكالاو تادعمل او ناولال او ةينفلا تافصاوملاو تاليدوملا يف ليدعتلا قح ىل ع جتنملا ظفاحي.



مكحيتلا قدحو

DSE

مكحيتلا قدحو و ذ ج ذومن

DSE 6120

لاصتالا ذفانم

CANBUS

##CONTROL PANEL IMAGE##

##CONTROL PANEL TABLE##

قز هجال

- 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.

بي كرتلا

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)

مكحيتلا قدحو تادل و مل

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.

قيراي عم تافص او م

- 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.

ساي قلا تارشوم

ENGINE

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

GENERATOR

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

قبس مل رابخالا نود نم روصلالو تار او سس كلالو تادعملالو ناولالو او قينفل تافص او ملالو تاليدومل ايف ليدعتلا قح و لى ع جتن مل ظفاحي



-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 ةينفلأ تافصاوملاو تاليدوملا 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.

ﺋﯩﺮﺍﻱ ﻋﻢ ﺗﺎﻓﺺ ﺍﻭﻡ

- 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 ﺗﺨﺘﺎ ﺗﺎﻟﺎﻝ

ENGINE

Remote Radiator Cooling

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

Three or 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

ﻗﯧﺴﯩﻢ ﻟﺎ ﺭﺍﺑﺨﺎﻝ ﻧﻮﺩ ﻧﻢ ﺭﻭﺻﻮﻝ ﺍﻭ ﺗﺎﺭﺍﻭﺱ ﺳﯩﻜﺎﻝ ﺍﻭ ﺗﺎﺩﻋﻤﻞ ﺍﻭ ﻧﺎﻭﻟﺪﺍﻝ ﺍﻭ ﺋﯩﻨﻔﻞ ﺗﺎﻓﺺ ﺍﻭﻟﻢ ﺍﻭ ﺗﺎﻟﻲ ﺩﻭﻣﻞ ﻱﻑ ﻟﯩﺪﯨﻐﯩﻨﻞ ﻗﻮﺡ ﻭﻟﻐﺎ ﺟﯧﺘﯩﻨﻤﻞ ﻇﻔﺎﺟﻲ



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

Supplied with oil and coolant - 30 °C

Battery isolating switch

تاداهشل

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