



(ري بىم تلوف وليك) قق اطل

3 روطلا 50 Hz, PF 0.8

ي ابرهكلا دهجل	(ESP) ي ابرهكلا دناتس قق اطل		(PRP) م ي ابرهكلا قق اطل		Standby Amper
	kW	kVA	kW	kVA	
400/231	64,00	80,00			115,47

حمسئى مل ISO8528 عم قفاوتم ESP. ن مال لكبشلا رصم ع اطقن ل اح يف قلمو محلل قق اطل ري فوت يفرى م عتملا ابرهكلا لم عتسى (ESP) ي ابرهكلا دناتس قق اطل طرفملا لي محتلل.

لام عتسا متي ISO8528 عم قفاوتم PRP. ع اطقن نود قيون سلا لم عالا تناعاس ل اج نم قلمو محلل قق اطل ري فوت يفرى م عتملا ابرهكلا لم عتسى (PRP) م ي ابرهكلا قق اطل لام عتسا متي ISO3046 بسح ععاس 12 لم عالا قرتف يف 10% دئازلا لي محتلل ل اج نم قفاو ععاس.

قعا تافصاوم

جنومنلا مقرو مسا	APG 80
زتره) ددرتلا	50
دوقولا عون	Natural Gas
قيراجتلا متمال عو ي ابرهكلا دلوملا جنومن	GM NG PSI 8.8L
قيراجتلا متمال عو بوانتملا رايتلا دلوم جنومن	ECP 32-3L/4 B
مكحتلا 11 حو و ذ جنومن	4520
قرجلا	AK40-APG80

لرحملا تافصاوم

لرحملا	GM NG
لرحملا جنومن	PSI 8.8L
(L) تاناوطس ال ددع	8 cylinders - V type
فيوحتلا	110.49
قمدصلا	114.30
قناوطس ال م جج	8.800
ءاولا طفش	Naturally Aspirated
طغضلا لدعم	10.0:1
قعرسلا (d/dk)	1500
(رتل) (رتل فل الماش) تيزلا ععس	8,5
دوقولا عون	Natural Gas
مكحتلا ماظن	Electronic
(رمتسم رايت تلوف) لي غشتلا ي ابرهكلا دهجل	12 Vdc
(ععاس/قيمكلا) ععس او قيراطبلا	1x85
ديربتلا ققيرط	Water Cooled
(ققي قق د/ب/ع كم رتم) ديربتلا عورم ءاوه قفدت	120
(رتل) (روتيدارلا عم / طقف لرحم) ديربتلا لئاس ععس	/25,5
ءاولا رتلف	Dry Type

بوانتملا رايتلا دلوم تافصاوم

Manufacturer	Mecc Alte
قيراجتلا متمال عو بوانتملا رايتلا دلوم جنومن	ECP 32-3L/4 B

قبسلا رابخال نود نم روصل او تارو سسكال او تادعلا او ناول ال او قينفلا تافصاوملا او تال يدملا يف لي دعلا قح ل ع جتنملا ظفاحي.



زتره) ددرتلا	50
ريبم تلوف وليك) ققاطلا	75
يئابرهكلا دهجلا (V)	400
روظلا	3
يكييتاموتوالا دهجلا مظنم	DSR
دهجلا مظنم	(+/-)1%
لزعلماظن	H
ئيامحل فنص	IP23
ققاطلا لماع	0.8
غك) يلكلا دلوملا نزو	293
ديربتلا ءاوه	11.8

(مم) حوتفملا عونلا وئابرهكلا دلوملا تاسايق

لوظلا	2150
ضرعلا	1050
عافتريالا	1543
DRY WEIGHT (kg.)	1120

(مم) يئابرهكلا دلوملا قرج تاسايق

لوظلا	3100
ضرعلا	1050
عافتريالا	1641
DRY WEIGHT (kg.)	1300

ةمدقملا

No Data

مكحتلا ةحول

مكحتلا ةدحو	DSE
مكحتلا ةدحو وئ جئوم	4520
لاصتالا نفا نم	MODBUS

##CONTROL PANEL IMAGE##

##CONTROL PANEL TABLE##

قزهجالا

DSE, model 4520 auto mains failure control module.

Static battery charger.

Emergency stop push button and fuses for control circuits.

CONSTRUCTION and FINISH

Comonents 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 hinged panel door provides for easy component access.

بيكترتلا

Control panel is mounted generating set baseframe on robust steel stand or power module.

قبسجلا رابخالا نود نم روصلاو تاراوسسكالاو تادعمل او ناولالاو ةينفلا تافصاوملاو تاليدوملا يف ليدعتلا قح ىلع جتنجلا ظفاحي.



Located at side of generating set with properly panel visibility.

مكحتلا قدحو تادلوملا

The DSE 4520 control module is a standard addition to our generator sets between 10kva and 20kva and it has been designed to start and stop diesel generating sets that include electronic and non electronic engines. The DSE 4520 includes the additional capability of being able to monitor a mains (utility) supply and is therefore suitable for controlling a standby generating set in conjunction with an automatic transfer switch. The DSE4520 also indicates operational status and fault conditions, automatically shutting down the generating set and indicating faults by means of its LCD display on the front panel.

ةيراي عم تافص او م

- *Microprocessor controlled.
- *LCD display makes information easy to read.
- *Front panel programming and also via PC software.
- *Soft touch membrane keypad and two key menu navigation.
- *Event logging (15) showing date and time.
- *Date and time engine exercise mode and maintenance scheduler.
- *Control buttons; stop, manuel/start, auto, menu navigation.

ساي قلا تارشوم

ENGINE

Engine speed

Oil pressure

Coolant temperature

Run time

Battery volts

Engine maintenance due

GENERATOR

Voltage (L-L, L-N)

Current (L1-L2-L3)

Frequency

kVA

kW

Pf

kVAr

kWh, kVAh, kVArh

MAINS

Voltage (L-L, L-N)

Frequency

WARNING

Charge failure

Battery Low/High voltage

Fail to stop

قبسمل اباخال اود نم روصلاو تار او سب كمال او تادعمل او ناول ال او ةينفلا تافص او ملامو تال ي نوملا يف لي دع تلاق ح ول ع ج تنملا ظفاجي



Low fuel level (opt.)
Over current
PRE-ALARMS
Low oil pressure
High engine temperature
Over /Under speed
Under/over generator frequency
Under/over generator voltage
ECU warning
SHUT DOWNS
Fail to start
Emergency stop
Low oil pressure
High engine temperature
Low coolant level (opt.)
Over /Under speed
Under/over generator frequency
Under/over generator voltage
Oil pressure sensor open
ELECTRICAL TRIP
Generator over current

تارايخ

High oil temperature shut down
Low fuel level shut down
Low fuel level alarm
High fuel level alarm

ري اعملا

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

(نحاشلا) يكي تاتسالا ةيراطبلا موقم

- 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. Proline 2405 has fully output short circuit protection and it can be used as a current source. Proline 1205/2405 charger has high efficiency, long life, low failure rate, light weight and low heat radiated in accordance with linear alternatives. 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

قبسمل اباخال نود نم روصلاو تاراويسنكال او تادعمل او ناولال او ةينفلا تافصاوملا او تاليدوملا يف ليدعتلا قح ىلع جتنملا ظفاحي.



- Heavy duty, water cooled naturalgas engine
- 46/50 °C ambient rated radiator with mechanical fan
- Protective grille for fan and rotating parts
- Electric starter and charge alternator
- Starting battery (with lead acid) including rack and cables
- Engine jacket cooling 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 belows supplied separately
- Static battery charger
- Manual for use and installation

يراي تخا تالال

ENGINE

Remote Radiator Cooling

Low Coolant level alarm

ALTERNATOR

Anti-Condensation heater

Over sized alternator

Main line circuit breaker

CONTROL SYSTEM

Remote annunciator panel

Uzağa alarm paneli

Alarm output relays

Earth fault, single set

Charging ammeter

TRANSFER ANAHTARI

Üç kutuplu kontaktör

Four Pole Contactor

WISE ACCESSORIES

Manual oil drain pump

Electrical oil drain pump

Enclosure: weater protective or sound attenuated

Duct adapter (on radiator)

Inlet and outlet motorised louvers

Tool kit for maintenance

Supplied with oil and coolant - 30 °C

Automatic transfer switch

تاداهشل

قبسمل رابخالا نود نم روصلاو تار اوسسكفال او تادعمل او ناولال او ةينفلا تافصراوملا و تال يذوملا يف ليدعتلا قح و لىع جتنملا ظفاحي

