

APD 12 E

Aksa
Mecc Alte
P452



ISO8528

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SZUTEST

GC - \$\$\$%



2000/14/EC

&\$\$\$#(#

z) \$ z' z' D:

	"	kw	"	kw	Amp
400/230	12,00	9,60	11,00	8,80	16,00

fP GDE

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fDF DE

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Standard Specifications

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ALTERNATOR

TRANSFER SWITCH

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Manufacturer		Aksa
Model		A2CRX08
		13,20 KW [18,00HP]
	L	0,794
	"	80X79
		24:1
	"# "	3000
	L	2,30
	L	6,40
AbsorbedAirDischargeReSourceKey.Text	' # "	1,00
	' # "	48,00
	' # "	2,07
	° C	600,00
		12 V d.c.
	Load	%%\$1
	# "	4,00

		Mecc Alte
	Hz	50
	"	12,50
7cg		0,80
		3
	fl Ł	400/230

		fl Ł		fl Ł	
		"	"	"	L
APD 12 E					15,00
		fl Ł		fl Ł	
		"	"	"	L
AK 01	240.00	1160	730	850	15



- 1 Main Status and instrumentation display
- 2 Menu navigation buttons
- 3 Auto mode
- 4 Manual mode / start button
- 5 Reset/Stop button

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The logo for AKSA POWER DIESEL, featuring the words 'AKSA POWER DIESEL' in green and blue.

1 DSE, model 4520 auto mains failure control module.
Static battery charger.
Emergency stop push button and fuses for control circuits.

2 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 hinged panel door provides for easy component access.

3 Control panel is mounted generating set baseframe on robust steel stand or power module.
Located at side of generating set with properly panel visibility.

4 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.

*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, manual/start, auto, menu navigation.

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1

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

1

WARNING
Charge failure
Battery Low/High voltage
Fail to stop
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

1

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

1

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

1

6UHYfmVXUf[Yf]g'a Ubi ZUM fYX'k]h' gk]hV]b[!a cXY'UbX'GA 8 'HYVbc'c[mUbX'ih\Ug'\][\ 'YZZ]VbYVW' 6UHYfmVXUf[Yf
a cXY'gf'ci hdi hJ !=VXUfUWYf]g]W]g] YfmVcgY'rc'gei UfY'UbX'ci hdi h]g) 'Ua dYfz% ž .J 'Zcf%&j c'hUbX' &+ž' .J 'Zcf'&('J '"
#di h%, , !' &* ('j c'h57'" "Dfc']bY' &(\$) \Ug'Z' "mci hdi hg'chVYVW]]hdfchVW]cb' UbX'ihVUb' VY' i gYX'Ug'U'W ffYbhgici fVY"
Dfc']bY' %&\$) #&(\$) VXUf[Yf\Ug'\][\ YZZ]VYbVW'z'cb["]Z'ž' "ck' ZU]i fY fUHYž'][\hk Y][\hUbX' "ck' \YUhfUX]UHYX']b
UWV'fXUbVW' k]h' "]bYUf'U'HYfbU]j Yg' "H\Y VXUf[Yf]g'Z]HYX'k]h' U'dfchVW]cb'X]cXY'UWVcg'g'hY'ci hdi h'7 cbbYVWVXUf[Y ZU]
fY'UmVW'] VYhk'YYb'dcg]]j Y'ci hdi hUbX'7: 'ci hdi h' H\YmUfY'Yei]ddYX'k]h' F: =Z]HYf'rc' fYXi VY'Y'YVW]VW'bc]gY' fUX]UHYX'
Z'ca 'hY'XYj]W'"; Uj Ub]W' "m]gc'UHYX']bdi hUbX'ci hdi h]m]W' "m(_J 'Zcf'\][\ 'fY']UV']]m'

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- 1 Steel structures.
- 2 Emergency stop push button.
- 3 Control panel is mounted on the canopy, including transfer switches.
- 4 Corrosion-resistant locks and hinges.
- 5 oil drain plug is on the engine
- 6 Exhaust system in the base frame.
- 7 special large access doors (marine type) for easy maintenance
- 8 Base frame -fuel tank.
- 9 Lifting Points.
- 10 the cap on the canopy provides easy access to radiator cap.

Sound-attenuated and Weather-protective Enclosures Sound-attenuated and weather protective enclosures for generating sets from Aksa, meet even 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.

Compact footprint, low profile design.

Enclosure, generator set, exhaust system and fuel tank are pre-assembled, pre-integrated and shipped as one package

Body made from steel components treated with polyester powder coating

Fire retardant foam insulation

Easy access to all service points

Exhaust system inside canopy

Large doors on each side

Control panel viewing window in an access door

Emergency stop push button mounted on enclosure exterior

Cooling fan and battery charging alternator fully guarded

Fuel fill and battery can only be reached via access doors.

Lifting points on the base frame

Customer options available to meet your application needs.

Aksa makes its generating sets' noise level tests in accordance with directive 2000/14/EC validation of the noise level test has been approved by the notified body Szutest

	"	730
fl "L	"	1160
fl "L	"	850
	L	15