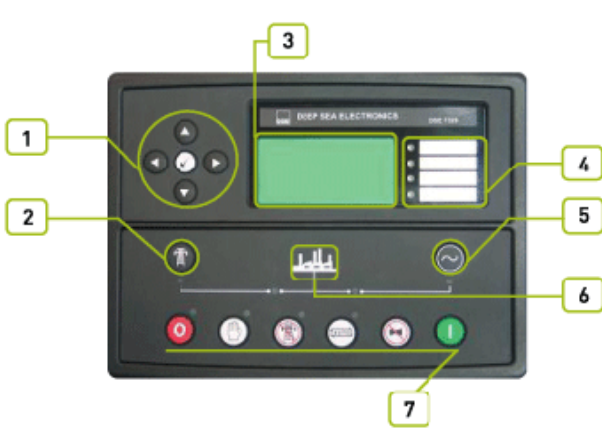


ADG 158

Engine : Doosan
 Alternator : Mecc Alte
 Control System : P 732 control system

● P 732 control system - Control System



- 1 Menu navigation buttons
- 2 Close mains button
- 3 Main Status and instrumentation display
- 4 Alarm LED's
- 4 Close generator button
- 5 Status LED's
- 6 Operation selecting buttons

● Devices

DSE, model 7320 Auto Mains Failure control module
 Static battery charger 5A, 220/240 volt
 Emergency stop push button and fuses for control circuits

● Structure And Paint

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

● Montage

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

● Generator Control Unit

HNY`8G9`+` &\$`Vzbf`c`a`cXi`Y`]g`U`ghUbxUfX`UXX`]cb`hc`ci`f`[`YbYfUhf`gYhg`Zfca`&)`\$`_J`5`i`dk`UfXg`UbX`ih`Uj`Y`VYYb`XYg`[`bYX`hc`ghUfhUbx`ghcd`X]YgY`UbX`[`Ug`[`YbYfUhb`[`gYhg`h`Uh]bVh`XY`Y`YVfcb]WUbx`bcb`Y`YVfcb]WYb`[`]bYg`HNY`8G9`+`&\$`]bVh`XYg`h`Y`UXX`]cbU`WdUV`]ImcZVY]b`[`UV`Y`hc`a`cb]hc`f`U`a`U]bg`fi`h`]mt`gi`dd`mUbx`]g`h`YfYz`fY`gi`]hUV`Y`Zf`Vzbf`c`]b`[`U`ghUbxVm`[`YbYfUhb`[`gYh]b`Vzb`bVfcb`k`]h`Ub`Ui`hca`U]WfUbgZf`gk`]hX`HNY`8G9`+`&\$`Ugc`]bX]WYhg`cdYfUhc]bU`ghUfh`g`UbX`Zji`hVz`bX`]hcbgz`Ui`hca`U]W`mg`i`h]b`[`Xck`b`h`Y`[`YbYfUhb`[`gYhUbx`]bX]WYhb`[`Zji`hg`Vma`YUbg`cZ]hg`@7`8`X]gd`Umcb`h`Y`ZfcbhdUby`"

Microprocessor controlled
 132 x 64 pixel LCD display makes information easy to read
 Front panel programming and also via PC software
 Soft touch membrane keypad and five key menu navigation
 Remote communications via RS232, RS485 and ethernet and SMS messaging
 Event logging (50) showing date and time
 Multiple date and time engine exercise mode and maintenance scheduler

ADG 158

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Indicator

- 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
- Earth current
- kW
- Pf
- kVAr
- kWh, kVAh, kVArh
- Phase sequence
- MAINS
- Voltage (L-L, L-N)
- Frequency

Protection

- WARNING
- Charge failure
- Battery under voltage
- Fail to stop
- Low fuel level (opt.)
- kW over load
- Negative phase sequence
- PRE-ALARMS
- Low oil pressure
- High engine temperature
- Low 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
- Over /Under speed
- Under/over generator frequency
- Under/over generator voltage
- Oil pressure sensor open
- Phase rotation
- ELECTRICAL TRIP
- Earth fault
- kW over load
- Generator over current
- Negative phase sequence

Optional Properties

- High oil temperature shut down
- Low fuel level shut down
- Low fuel level alarm
- High fuel level alarm
- EXPANSION MODULES
- Editional LED module (2548)
- Expension relay module (2157)
- Expansion input module (2130)

Standards

- 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

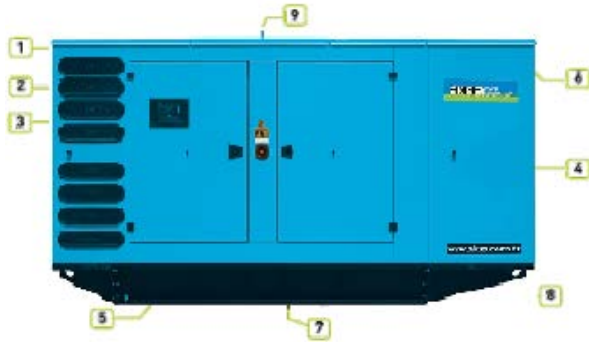
Electronic Charge Equipment

6UHfYfmVXUf[Yf]g'a Ubi ZUVi fYX'k]h'gk]hW]b[!a cXY'UbX'GA 8 'hVWbc'c[mUbX'ih\Ug\] [\ YZV]bVWf
 6UHfYfmVXUf[Yf'a cXY'gfci hdi hJ !=VXUfUVWf]g]h]W]g]j YfmVcgy hc'gei UfY'UbX'ci hdi h]g') 'Ua dYfz&(j c'h87'"-ædi h%, '!
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ADG 158

Engine : Doosan
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MS 60 - Canopy



- 1 Steel structures
- 2 Emergency stop push button
- 3 Control panel is right side of the set.
- 4 Corrosion-resistant locks and hinges
- 5 Sump drains valves
- 6 Exhaust system in the canopy
- 7 Lockable, large doors on each side
- 8 Sound proof foam material
- 9 Lifting points

Introduction

Sound-attenuated and Weather-protective Enclosures Sound-attenuated and weather protective enclosures for generating sets from Akxa, 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.

Standart Specification

- 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 a lockable 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 lockable access doors.
- Lifting points on the top of canopy and base frame
- Customer options available to meet your applications needs.
- Akxa 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

Canopy Model		MS 60
Width	mm.	1300
Lenght	mm.	3960
Height	mm.	2100