

Powerlite

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GMS200CS 220kVA Standby 180kW 200kVA Prime 160kW



Technical

Model	GMS200CS
Type	Heavy duty
Speed	1500RPM
Phase/Voltage	3-415
Frequency	50Hz
Standby Power	222kVA
Prime Power	200kVA
Noise Level Av (dba @ 7m)	70dba
Fuel Capacity	1330 L
Ambient Temp	50deg C

Alternator

Manufacturer	Stamford
Model	UCI274H
Type	Brushless
Harmonic Distortion	Less than 5%
Protection Class	IP 23
Insulation Class	Class H

Dimensions & Weight

Length	3.59m
Width	1.32m
Height	2.15m
Weight Dry	2960Kg

Outlets

BUS ONLY
OUTLET PACKAGE AS OPTION

Engine

Manufacturer	Cummins
Model	6CTAA8.3G2
Type	4 Stroke Diesel
Induction	Turbo Charged
Fuel Consumption	45 L/hr @ 100% Load
Coolant Capacity	37.7.0L
Governor	ELECTRONIC
Cubic Capacity	8.3 L
Oil Capacity	25.3 L

Controls

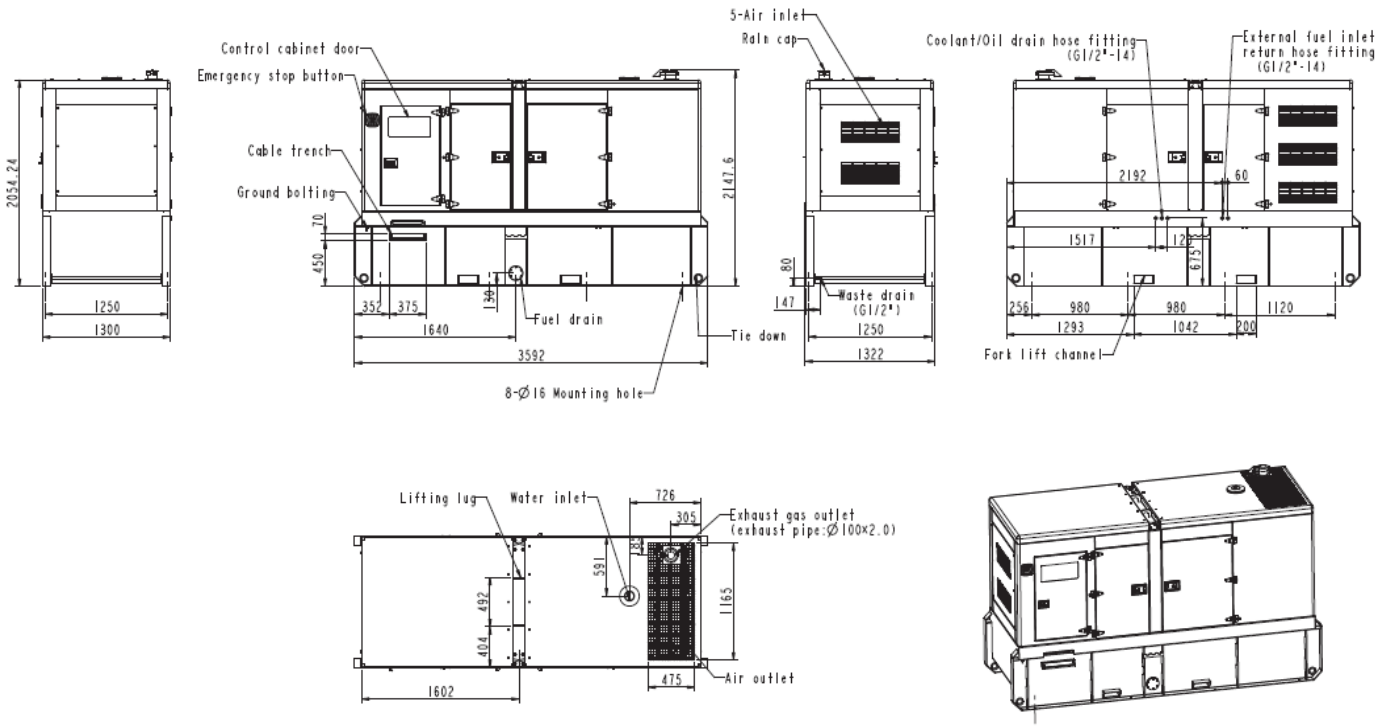
Controller	Deep Sea 7420/8610
Circuit Breaker	ABB or Equivalent
Battery Isolator	Fitted
Battery Charger	Fitted

Canopy

Skid	Bunded fuel tank with tie down points and fork lift pockets
Canopy	Centre lift with lockable doors, Galvanized sheet, IP56* External Emergency Stop fitted.
Paint Finish	Heavy Duty Powder Coat White with Black base

Options

PMG Coolant Heater Installation Service,
Synchronising Package,
Fire suppression, Mine compliance



DSE7410/20

AUTO START & AUTO MAINS FAILURE MODULES

FEATURES



DSE7420

DSE7410



KEY FEATURES

- 4-Line back-lit LCD text display
- Five key menu navigation
- Front panel editing with PIN protection
- Customisable status screens
- Power save mode
- 11 configurable inputs
- 8 configurable outputs
- Flexible sensor inputs
- Configurable timers and alarms
- 3 configurable maintenance alarms
- Multiple date and time scheduler
- Configurable event log (250)
- Tier 4 CAN engine support
- Integral PLC editor
- Easy access diagnostic page
- CAN and Magnetic Pick-up/Ait. sensing
- Fuel usage monitor and low fuel alarms
- Charge alternator failure alarm
- Manual speed control (on compatible CAN engines)
- Manual fuel pump control
- Engine exerciser
- "Protections disabled" feature
- kW protection
- Reverse power (kW) protection

- LED and LCD alarm indication
- Power monitoring (kW h, kV Ar, kV A h, kV Ar h)
- Load switching (load shedding and dummy load outputs)
- Automatic load transfer (DSE7420)
- Unbalanced load protection
- Independent Earth Fault trip
- USB connectivity
- Backed up real time clock
- Fully configurable via DSE Configuration Suite PC software
- Configurable display languages
- Remote SCADA monitoring via DSE Configuration Suite PC software
- User selectable simultaneous RS232, RS485 & Ethernet communications
- Configurable MODBUS pages
- MODBUS RTU & TCP support
- Advanced SMS messaging (additional external modem required)
- Additional display screens to help with modem diagnostics
- Idle control for starting
- DSENet® expansion compatible
- 20 parameter data logging

KEY BENEFITS

- 132 x 64 pixel ratio display for clarity
- Real-time clock provides accurate event logging
- Multiple date and time scheduler
- Set maintenance periods can be configured to maintain optimum engine performance
- Built in ethernet communications provides advanced remote monitoring
- Modules can be integrated into building management systems (BMS) using MODBUS
- Increased input and output expansion capability via DSENet®
- Licence-free PC software
- IP65 rating (with supplied gasket) offers increased resistance to water ingress
- PLC editor allows user configurable functions to meet specific application requirements
- Data logging to assist with fault finding

KEY FEATURES

- Comprehensive loadshare capabilities
- Configurable inputs (11)
- Configurable outputs (8)
- Voltage measurement
- Built-in governor and AVR control
- kW overload alarms
- Comprehensive electrical protection
- Magnetic pick-up
- Electronic engine capability
- RS232 & RS485 remote communications
- Modbus RTU
- PLC functionality
- Multi event exercise timer
- Back-lit LCD 4-line text display
- Multiple display languages
- Automatic start/Manual start
- Audible alarm
- Reduced file transfer time

- Fixed and flexible LED indicators
- Event log (250)
- Engine protection
- Fault condition notification to a designated PC
- Protected front panel programming
- PC configuration
- Fully configurable
- SMS alert messaging
- Compatible with DSE8700 Series

KEY BENEFITS

- RS232 & RS485 can be used at the same time
- DSENet connection for system expansion
- PLC functionality
- Auto voltage sensing
- Five step dummy load support
- Five step load shedding support
- High number of inputs and outputs

- Worldwide language support
- Configuration Suite PC software
- Direct USB connection to PC
- Ethernet monitoring
- USB host
- Data logging & trending

EXPANSION DEVICES

- DSE2131 Ratiometric Input Expansion Module
- DSE2133 RTD/Thermocouple Input Expansion Module
- DSE2152 Analogue Output Expansion Module
- DSE2548 LED Expansion Module
- DSE2130 Input Expansion Module
- DSE2157 Output Expansion Module
- DSE124 CAN/MSX Extender

DSE8610

AUTO START LOAD SHARE MODULE



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