



GP-J165-60T4F

JOHN DEERE 6068HFG05-3257 Engine
US EPA Tier 4 FINAL
LEROY SOMER TAL-046-C Alternator
DEEPSEA DSE7320 Controller

165 KW JOHN DEERE GENERATOR

165 KW 206 KVA JOHN DEERE Diesel Generator Set, Fully packaged:

- JOHN DEERE Heavy duty diesel engine, 4 stroke, 1800rpm, Electronic
- US EPA Tier 4 FINAL compliant engine for Stationary Standby, Stationary Prime or Mobile Prime application
- LEROY SOMER alternator. IP23 protection, Insulation class H
- Main line circuit breaker, maximum output rated for complete protection
- Digital auto-start/stop control panel. CE and UL compliant
- Incorporated metallic fuel tank for day use. Electronic fuel level sender
- Auto Start control feature included for interoperation with ATS/AMF
- 12V charging alternator and 12V DC electric starter motor
- 12V charged DC starting battery with electrolyte and cables
- Dry type air filter, fuel filter and oil filter elements installed
- Mechanically welded chassis with vibration isolators
- Each unit prototype and individually factory load bank tested
- The generator accepts 100% rated load in one step as per NFPA110 and meets ISO8528-5 class G-3 for transient response
- Compliant with ISO3046, ISO8528, BS4999, BS5514, BS5000PT99, AS1359, IEC34, UTE5100, VDE0530 and ISO9001:2000



AVAILABLE ACCESSORIES AND OPTIONS:

- Steel or Aluminum weather proof, sound attenuated enclosures
- UL142 listed, double wall fuel tanks from 50 to 10,000 Gal
- UL1008 listed, automatic transfer switches from 50 to 3000 Amp
- D.O.T. compliant heavy duty road trailers from 3000 to 30000 Lbs
- Automatic battery chargers, Engine preheaters, Remote annunciators and many more

| Voltage | Power ESP kWe/kVA | Power PRP kWe/kVA | Standby Amps | Prime Amps | Phase |
|---------------|----------------------|----------------------|--------------|------------|-------|
| 480/277 | 165 / 206 | 149 / 186 | 248 | 224 | 3 |
| 460/265 | 165 / 206 | 149 / 186 | 259 | 234 | 3 |
| 440/254 | 165 / 206 | 149 / 186 | 271 | 244 | 3 |
| 240/120 DELTA | 165 / 206 | 149 / 186 | 496 | 448 | 3 |
| 220/127 | 165 / 206 | 149 / 186 | 541 | 489 | 3 |
| 208/120 | 165 / 206 | 149 / 186 | 573 | 517 | 3 |

POWER DEFINITION

PRP : Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO 8528-1.

ESP : The standby power rating is applicable for supplying emergency power in variable load applications in accordance with ISO 8528-1. Overload is not allowed.

TERM OF USE

Standard reference conditions ESP/PRP 25 C°/25 C° Air Intlet Temp, 1000 m/1000 m m A.S.L. 60 % relative humidity.



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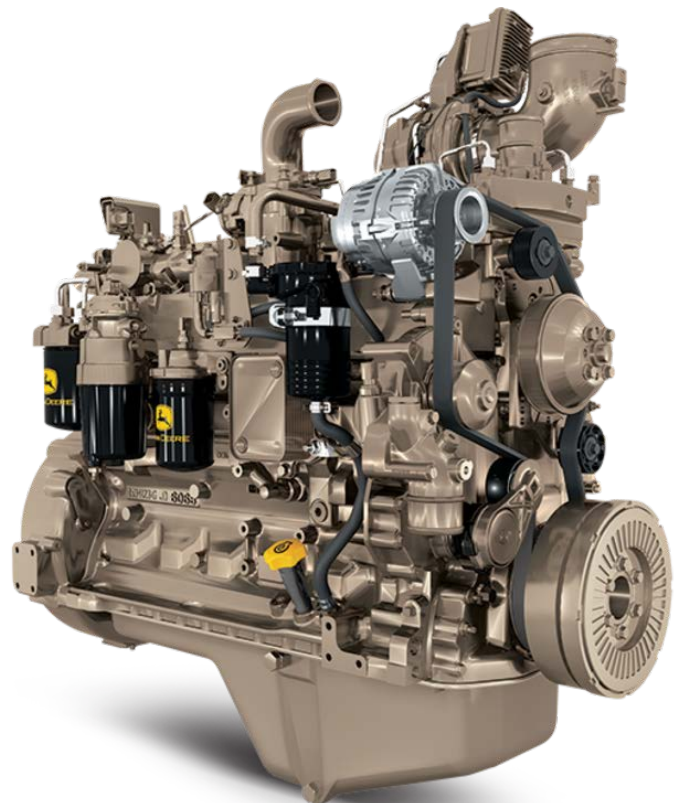
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JOHN DEERE DIESEL ENGINE SPECIFICATIONS

| | | |
|------------------------------|--|--|
| GENERAL DATA | Engine model | JOHN DEERE 6068HFG05, TURBOCHARGED & AFTERCOOLED (air-to-air), U.S. EPA Tier 4 FINAL |
| | Cylinders-arrangement | 6-L |
| | Displacement | 6.8L |
| | Bore (mm) X Stroke (mm) | 106 X 127 |
| | Compression ratio | 17.2:1 |
| | Speed (RPM) | 1800 |
| | Maximum stand-by power at rated RPM (kW) | 192 KW (257HP) |
| | Governor | ELECTRONIC |
| FUEL SYSTEM | Fuel consumption 100% Prime load | 38.3 L/hr [10.1 Gal/hr] |
| | Fuel consumption 75% Prime load | 31.5 L/hr [8.3 Gal/hr] |
| | Fuel consumption 50% Prime load | 23.6 L/hr [6.2 Gal/hr] |
| FUEL RUNTIME AUTONOMY | Integral Tank (132 Gal) | 16 Hours @ 75% Prime Load 13 Hours @ 100% Prime Load |
| | External Tank (200 Gal) | 24 Hours @ 75% Prime Load 20 Hours @ 100% Prime Load |
| | External Tank (350 Gal) | 42 Hours @ 75% Prime Load 35 Hours @ 100% Prime Load |
| | External Tank (500 Gal) | 60 Hours @ 75% Prime Load 50 Hours @ 100% Prime Load |
| U.S. EPA COMPLIANCE | EPA Tier | U.S. EPA Tier 4 FINAL |
| | Mobile Prime application | Yes, compliant for Mobile Prime applications |
| | Stationary Standby application | Yes, compliant for Stationary Standby applications |
| | Stationary Prime application | Yes, compliant for Stationary Prime applications |





LEROY SOMER ALTERNATOR SPECIFICATIONS

| | | |
|---------------------|--------------------------------------|--------------------------------|
| GENERAL DATA | Alternator brand | LEROY SOMER |
| | Alternator | TAL-046-C |
| | Number of phase | 3 |
| | Power factor (Cos Phi) | 0.8 |
| | Altitude (m) | <1000 |
| | Overspeed (rpm) | 2250 |
| | Number of pole | 4 |
| | Excitation system | Self Excited (P.M.G. Optional) |
| | Insulation class / Temperature class | H / H |
| | Automatic Voltage Regulator | LEROY SOMER R250 AVR |
| | Coupling | Direct / Single Bearing |
| | Voltage regulation 0 to 100% | +/-1.0% |



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GENERATOR CONTROL PANELS

Standard

DEEPSEA DSE 7320: Digital + Auto start/stop



The Deepsea DSE 7320 control features both Manual and Automatic start/stop control of the generator and full CANBUS connectivity for control and protection. The 132x64 LCD display, Emergency stop button and five key menu are highly ergonomic and intuitive.

- Fully configurable via a free downloadable PC software
- 250 events log including date and time make fault finding effortless
- Remote monitoring and control via Ethernet/RS485 and SMS messaging via GSM/SIM card options available
- Coolant temperature and Oil pressure alarm/shutdown
- Oil pressure and low pressure alarm/shutdown
- Oil temp, hours, battery charge, Frequency, Kw, KVA and PF display
- Voltage under/over protection, Amp over current protection, and More!

Option

DEEPSEA DSE 8610: Digital + Auto start/stop + Paralleling



The Deepsea DSE 8610 control features all the excellent capabilities of the DSE 7320 combined with easy to use multi-generator load sharing:

- Up to 32 generators paralleling
- Peak lopping
- Sequential starting of generator sets
- Manual voltage/frequency adjustments
- Automatic hours run balancing
- Generator load demand
- Dead bus sensing and Bus failure detection
- Voltage frequency matching
- And many more highly programmable paralleling features

GENERATOR ACCESSORIES AND OPTIONS

Option

Automatic Transfer Switches, UL1008 listed: 100 to 4000A



With a Series 300 transfer switch, you get a product backed by ASCO Power Technologies, the industry leader

- True double-throw operation: single solenoid design is inherently interlocked & prevents contacts from stopping between sources
- Easy-to-read flush-mounted control and display panel provides LED indicators for switch position and source availability
- Standard engine exerciser for weekly automatic testing with or without load
- UL 1008 listed for Transfer Equipment and CSA C22.2 listed
- NFPA 110 for Emergency & Standby Power & the National Electrical (NEC) Articles 700, 701 and 702

Option

Fuel Tanks, UL142 listed: 50 to 5000 GAL



- UL listed. Secondary containment tank meeting UL 142 tank requirements
- NFPA compliant. Designed to comply with the installation standards of NFPA 30 and NFPA 37
- Emergency pressure relief vents. Meets UL requirements; ensures adequate venting of inner and outer tank under extreme pressure and/or emergency conditions
- Electrical stub-up area with removable end channel
- Normal vent • Inner tank emergency vent sized to UL 142 specs
- Direct reading mechanical fuel gauge • Fuel in basin switch
- Satin black paint finish

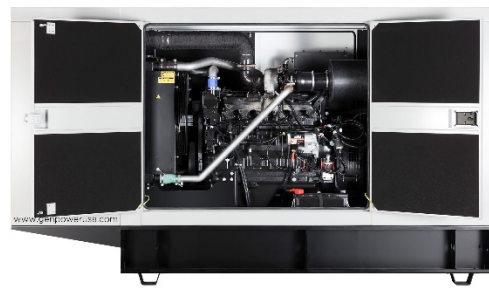


GP-6068

Weatherproof / Super Silent Enclosure

STANDARD FEATURES

- 12 gauge electro-zinc powder coated steel for maximum corrosion resistance (Phosphatizing degreasing, Non-chromic passivation, Osmosis purified rinsing and High durability polyester resin thermosetting powder paint)
- 29dB(A) Internal-mounted critical silencer and flexible exhaust connector offering maximum component life and operator safety
- Fade-, scratch-, and corrosion-resistant. Automotive-grade textured finish resulting in advanced corrosion and abrasion protection as well as enhanced edge coverage and color retention
- Up to 51mm (2in) Acoustic insulation with hydrocarbon sealing film that meets FMVSS 302 flammability classification and repels moisture absorption
- Interchangeable modular panel construction. Allows complete serviceability or replacement without compromising enclosure design
- Service access. Multi-personnel doors for easy access to generator set controller, breaker and service points
- Externally mounted emergency stop button, Single point lifting hook and Tamper proof "securit" viewing control window
- Cooling air discharge. Weather protective design featuring a vertical air discharge outlet grille. Redirects cooling air up and above enclosure to reduce ambient noise
- Cooling/combustion air intake with a horizontal air inlet. Sized for maximum cooling airflow
- Heavy duty Polyamide plastic hinges, Dichromate galvanized bolting and Stainless steel rivets for lifetime longevity
- Meets and exceeds NFX41002 Salt spray test, NFT30049 UV Performance test, NFT30038 Paint adhesion test and 2000/14EC Low sound directives



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Diesel Generators 10 - 3200 Kw | Alternators 5 - 3500 Kva | Transfer Switches | Fuel Tanks | Trailers | Engine Parts | Alternator Parts
SDMO | KOHLER | BROADCROWN | HIPOWER | JOHN DEERE | CUMMINS | PERKINS | MITSUBISHI | VOLVO | STAMFORD | LEROY SOMER

RIGHT SIDE VIEW



RIGHT SIDE VIEW



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LEFT SIDE VIEW



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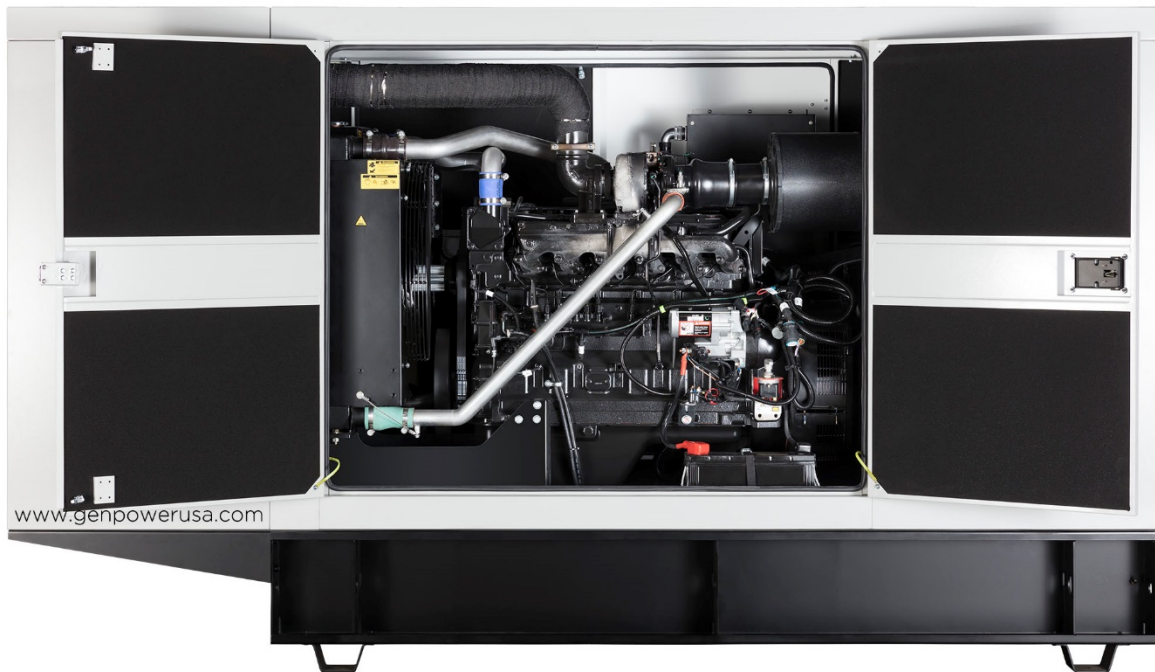


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