



# MULTITEK

## NORTH AMERICA, LLC

### MG150 Generator

#### Standard Features MG150

- Tier 3 Purpose Built Engine - 237hp Deere Diesel Engine – Model - PE6068HF285
- Robust Steel Housing
  - Weather Proof Housing
  - Sound Attenuating is Standard
  - Lockable Doors
  - Powered Coated Panels
  - Separate Access Door for Controls
  - Containment base with 200 Gallon Fuel Tank
- Deep Sea Control Panel
  - Hour Meter
  - Coolant Temperature
  - Oil Pressure
  - DC Voltmeter – Battery
  - AC Voltmeter – Hz, Amp and Voltage
- 150kW Continuous Duty Stamford UC1274F Power Generator
  - Insulation Class H
  - Heavy Duty, Capable of Single or 3 Phase Applications



#### Optional Equipment MG150 Series

- Deere Engine Options
  - Remote Monitoring System
  - Electric Engine Preheaters
    - Webasto Heater
    - Electric 120v Block Heater
    - Oil Pan Heater 120v
    - Battery Blanket 120v
  - Tier 4 Compliance
- Alternator Option
  - PMG Exciter
  - Marathon Electric – Brushless 4 Pole Rotating Field – Class H
- Optional Weatherproof, Sound Attenuating Aluminum Housing
- Tandem Axle Trailer Mounted



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### MG150 Generator

#### Engine Specifications

##### Deere PowerTech Diesel Engine 6068HF285

- Tier 3 Direct Injected In-Line 6 Cylinder
- 200hp 4.5L Turbocharged 4 Cycle
- HCPR Fuel System 23,000 PSI
- ECU Controlled Fuel Injection
- Electronic Governor Control
- Standard 12V Starter and 65 Amp Alternator

##### Fluids

- 35.3 Quarts of SAE 5W30 for 0°F and Above
- 7.9 Gals of CoolGard® Engine Coolant

##### Fuel Consumption Based on Engine Loading

###### US Gals/Hr @1800rpm

%Engine Load	Gal/Hr
75%	10.2
100%	13.2

##### Additional Features

- Self-Adjusting Poly-Vee Fan Drive
- Forged Steel Connecting Rods
- Replaceable Cylinder Liners
- 500 Hour Oil Change Intervals
- 12V Electrical System

#### Alternator Specifications

##### Brushless Stamford UCC150 Alternator

##### Generator Ratings—1800 RPM Diesel

Rated 150kW Continuous

105°C Temp Rise@Temp Ambient=40°C

3 Phase, 4-Pole, 1800rpm, 60Hz

480V/277V & 208V/120V, 12 Leads

SAE 3 SAE 11 ½

Voltage	Ph	Hz	Standby Output kW (kVA)	Prime Output kW (kVA)	Standby Max Amp Output	Wires
120/240	1	60	125 ( 125 )	125 ( 125 )	625	12
120/208	3	60	125 ( 154 )	90 ( 112 )	520	12
120/240	3	60	125 ( 154 )	90 ( 112 )	451	12
277/480	3	60	125 ( 154 )	90 ( 112 )	225	12

#### Control Panel Specifications

##### Deep Sea DSE7420

- Microprocessor Based Controller
- Multilingual Capability
- Navigation Key with Large LCD
- Extremely Rugged Vibration Resistant
- Event Recording
- Remote Display Panel

##### Deep Sea Options

- Engine Protection: Low Oil Pressure, Over Speed & Over
- Crank, Fuel Sender Failure, Battery Charger Failure
- High Coolant Temperature
- Metering: Volts, Hz, Watts, VA, RPM, DC Volts, Fuel Level, Engine Run Time

#### Package Specifications

Weight: Total Unit Weight w/o Fuel 4100 lbs.

Dimensions: 128"L x 45"W x 74"H