







# 150Kva JOHN DEERE Model JD150N

-  PRIME POWER 150kVA
-  VOLTAGE 400/231 V @ 50 Hz
-  AMPERAGE 216A per phase @ 0.8 PF Prime
-  FUEL TANK 640 Ltrs

## SPECIFICATIONS

PRIME POWER	150KVA
STANDBY POWER	165KVA
FUEL CONSUMPTION	33.5 LTRS/HR @ 100% LOAD
DIMENSIONS IN MM: (L/W/H)	OPEN BUILD -3200/1300/2020 SOUNDPROOF – 3600/1300/2000
GENERATOR HOUSING	1.6 TO 2.0MM MILD STEEL, ZINC PHOSPHATE CLEANING PROCESS, POWDER COATED

### FEATURES

- Set-Mounted, Integrated AMF/ATS (AMF Configured Unit only)
- Deep Sea 7320 AMF PLC (AMF ONLY)
- Deep Sea Battery Charger 24V
- Integrated Base Fuel Tank
- Emergency Stop Functionality

### OPTIONS

- CONTROL PANEL: AMF, Base Load/Keystart or Synchronised
- Water Jacket Heater standard on all units
- 3CR12 Residential Silencer
- Modular, Compact Design
- Powder Coated Generator Housing (Sound Attenuated Unit)
- Structural manufacturing, all design and assembly done in-house
- BUILD CONFIGURATION: Open Build, Weather Proof Build, Sound Attenuated Build or Super Silent Build

## ENGINE INFORMATION

Model CD6068HF158



### SPECIFICATIONS

NUMBER OF CYLINDERS	4
CYLINDER ARRANGEMENT	VERTICAL IN-LINE
CYCLE	4 STROKE
ASPIRATION	TURBO CHARGED INTERCOOLED
COMBUSTION SYSTEM	DIRECT INJECTION
DISPLACEMENT	6.8 LITRES
COOLING SYSTEM	WATER COOLED
TOTAL COOLANT CAPACITY	30 LITRES
TOTAL LUBRICATION CAPACITY	35 LITRES

## ALTERNATOR INFORMATION

Model LSAP 44.3H



### SPECIFICATIONS

MODEL	LSAP 44.3H
KVA PRIME RATING	150
SPEED & FREQUENCY VOLTAGE	1500RPM 50HZ 400/231 V
INSULATION	H/H
PROTECTION	IP 23
EXCITATION	SHUNT EXCITATION SYSTEM
VOLTAGE REGULATION	ANALOGUE TAVR 20 + 0.8%
EFFICIENCY 25% LOAD @0.8PF	88.8
EFFICIENCY 50% LOAD @0.8PF	91.5
EFFICIENCY 75% LOAD @0.8PF	91.5
EFFICIENCY 100% LOAD @0.8PF	91.1
TERMINAL LEADS	6



# GENERATOR CONTROL PANEL

Model DSE 7320

## FEATURES

DEEP SEA AMF 7320 CONTROL MODULE:

- Full AMF - Auto Start Controller
- Intuitive Mains (Utility) Supply Monitoring
- Integral ATS Control & Monitoring
- Integral Engine / Alternator Management & Protection
- Optional Remote Monitoring & Control Via WEBNET or GSM Modem
- Enhanced flexibility and True Customisation through integral PLC Editor.
- Real Time Clock Provides Accurate Event Logging
- Advanced Engine Management Via CANBUS on Electronic Engines

ON BOARD SYSTEMS ARE MONITORED AND FAULT CONDITIONS ARE DISPLAYED AS WARNING ALARMS, ELECTRICAL TRIPS AND SHUTDOWN ALARMS, SOME OF WHICH INCLUDE:

### ENGINE PROTECTION:

- Low Oil Pressure
- High & Low Engine Temp
- Low Fuel Level
- High & Low Battery Voltage
- Maintenance Alarm

### ALTERNATOR PROTECTION:

- Under/Over Frequency
- Over Current / Short Circuit
- Under / Over Voltage
- Phase Rotation Reversal
- Phase Loss

### CHANGEOVER - ATS SYSTEM:

- Kutai of ABB 3 pole Fixed ACB's Electrically & Mechanically Interlocked Mains In / Generator Change Over Configuration
- Breakers Fitted with Ekip or Ekip touch Trip Units for Integral Short Circuit and Overcurrent Protector

### AUXILLARY/STATIONARY FEATURES:

- On board 12Vdc Regulated Battery Charger
- Water Jacket Heater
- Optional Manual / Automatic Refueling Systems Available