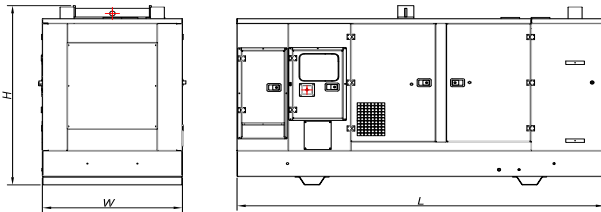


# 200 KVA STANDBY SILENCED SET JOHN DEERE



## TECHNICAL INFORMATION

|                     |         |
|---------------------|---------|
| Voltage (V):        | 400/230 |
| Frequency (Hz):     | 50      |
| PRP Power (kVA)     | 180     |
| Standby Power (kVA) | 203     |
| PRP Power (kW)      | 144     |
| Standby Power (kW)  | 162.4   |

## Weight and Dimensions (mm)

|                        |      |
|------------------------|------|
| Length (L)             | 3400 |
| Width (W)              | 1100 |
| Height (H)             | 1755 |
| Weight (kg)            | 2355 |
| Fuel tank capacity (l) | 277  |

## Noise Level

|                                   |    |
|-----------------------------------|----|
| Acoustic Pressure [LpA] (dBA @7m) | 70 |
| Acoustic Power [LwA] (Dba)        | 97 |

## Consumption

|      | PRP Power |               |
|------|-----------|---------------|
|      | L/h       | Range (hours) |
| 25%  | 10.7      | 25.9          |
| 50%  | 20.5      | 13.5          |
| 75%  | 31.3      | 8.8           |
| 100% | 40.8      | 6.8           |

|      | Standby Power |               |
|------|---------------|---------------|
|      | L/h           | Range (hours) |
| 25%  | 11.5          | 24.1          |
| 50%  | 22.1          | 12.5          |
| 75%  | 34.4          | 8.1           |
| 100% | 45.2          | 6.1           |

## ENGINE

|                            |            |
|----------------------------|------------|
| Brand                      | JOHN DEERE |
| Model                      | 6068HF258  |
| No. of cylinders           | 6          |
| Engine Capacity (c.c)      | 6800       |
| Bore (mm)                  | 106        |
| Stroke (mm)                | 127        |
| Compression ratio          | 17:1       |
| Water cooled               | YES        |
| Speed (R.P.M)              | 1500       |
| Mechanical Net Power (kWm) | 177        |
| Fuel tank capacity (l)     | 277        |

## Cooling System

|                               |     |
|-------------------------------|-----|
| Flow of air from fan (m3/min) | 192 |
|-------------------------------|-----|

## Lubrication System

|                                              |      |
|----------------------------------------------|------|
| Oil sump capacity (l)                        | 32   |
| Maximum oil consumption (% fuel consumption) | 0.51 |

## Air intake system

|                             |      |
|-----------------------------|------|
| Aspirated air flow (m3/min) | 11.5 |
|-----------------------------|------|

## Electrical System

|                     |               |
|---------------------|---------------|
| Number of batteries | 1             |
| Battery             | 12V 44Ah-730A |

## Exhaust System

|                      |       |
|----------------------|-------|
| Input diameter (")   | 4     |
| Output diameter (")  | 4.5   |
| Body diameter (mm)   | 380   |
| Exhaust length (mm)  | 1.570 |
| T° gas emission (°C) | 603   |
| Gas flow (m3/min)    | 32.9  |

## ALTERNATOR

|                       |             |
|-----------------------|-------------|
| Model                 | LSA 46.2 M3 |
| Electronic Regulation | YES         |
| AVR                   | R 250       |
| Power (kVA)           | 203         |

## ELECTRIC PANEL

|                    |               |
|--------------------|---------------|
| Protection Devices | YES           |
| Control Card       | DEEP SEA 7320 |