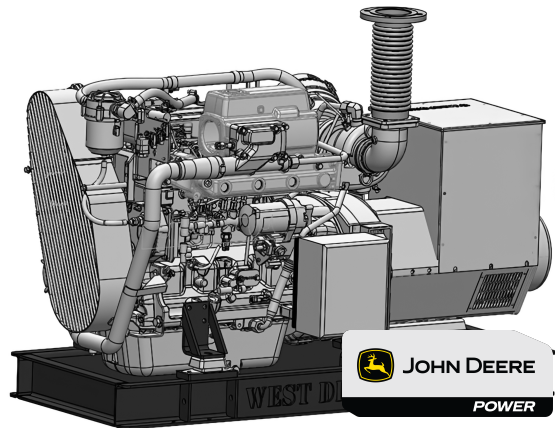


John Deere 4045 Marine Generator Set

Power Rating 61 - 110 kWm (69 - 127 kVA)

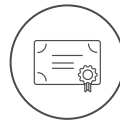
| | | |
|-----------------|---------------|---------------|
| Prime Power | 61 - 89 kWm | 74 - 110 kWm |
| Power Rating | 55 - 82 kWe | 67 - 101 kWe |
| Power Rating | 69 - 102 kVA | 84 - 126 kVA |
| RPM / Frequency | 1500 / 50 hz | 1800 / 60 hz |
| Emission | None Emission | None Emission |



Customized Solutions that meet your power needs



Full technical support, service and aftersales



Marine classification eligible, DNV-GL, BV, Lloyd and more



Skilled technicians in each their field of expertise



John Deere powers West Diesel to provide customer focused marine generator sets for your requirements. John Deere provides high configurability and are built to last with their proven reliability and durability in the field



ComAp continuously innovates and develops their Control unit and electrical solutions for the industry needs. ComAp enables us to configure your marine generators, when it comes to electrical systems

STAMFORD

Stamford is the leading brand of alternators and provides great reliability and efficiency. We recommend pairing John Deere Engines with an alternator from Stamford. But you can also choose other alternator brands.



West Diesel assembles, develops and configures everything in our own workshop, as well as electrical solutions, drawings, testing etc. A complete inhouse solution that provides you with high quality and reliability

West Diesel **Solutions** Powered by John Deere

CUSTOMIZED SOLUTION

A complete end-to-end power solution with a focus on configuration and reliability. Our team of experts will work closely with you to understand your unique requirements



www.westdiesel.com



westdiesel@westdiesel.com

John Deere 4045 Marine Generator Set

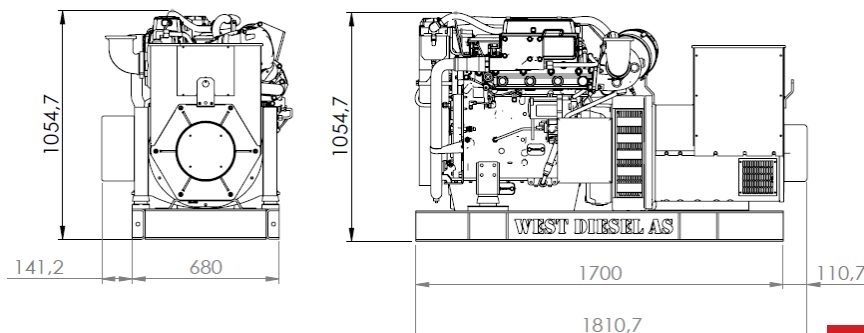
Power Rating 61 - 110 kWm (69 - 127 kVA)

The John Deere 4045 marine generator set offers unparalleled advantages for maritime applications. Its robust design, durability and easy serviceability ensures reliable power generation that is "Built to Last".

| GENERAL DATA | | EXHAUST SYSTEM | | |
|------------------------|--|-----------------------|------------------------------|------------------------------|
| Model | 4045TFM85 / 4045AFM85 | Power / RPM / Hz | 61 kW / 1500 RPM / 50Hz | 110 kW / 1800 RPM / 60 HZ |
| Number of cylinders | 4 | Exhaust temperature | 473 °C | 434 °C |
| Engine type | In line, 4 Cycle | Exhaust flow | 25.1 m ³ / min | 19,4 m ³ / min |
| Aspiration | Turbocharged / Aftercooled | Max. back pressure | 7.5 kPa | 7.5 kPa |
| Bore and stroke | 107 x 127 | Min. exhaust diameter | dry 101.6 mm wet 127.0 mm | dry 101.6 mm wet 114.3 mm |
| Displacement | 4,5 L | COOLING SYSTEM | | |
| Compression ratio | 16.7:1 | Heat Rejected | 160 kW | 123 kW |
| Cooling | Keel - dual keel - heat exchanger radiator w/ electrical or belt driven fan | Radiated heat | 10.2 kW 581 BTU/min | 7 kW 413 BTU/min |
| Max installation angle | Front up - 12° Front down - 0° | Coolant flow | 158 L/min | 155 L/min |
| Combustion system | Direct Injection | Seawater pump flow | 163 L/min | 197 L/min |
| Governor type | Electronic | FUEL CONSUMPTION | | |
| Alternator / Starter | 12 volt / 24 volt | Fuel Consumption 25% | 10.4 L/hr | 9.1 L/hr |
| Alternator insulation | Class H / F | Fuel Consumption 50% | 18.3 L/hr | 16.1 L/hr |
| Alternator Protection | Drip Proof IP 23 | Fuel Consumption 75% | 28.0 L/hr | 22.4 L/hr |
| Weight, dry | ~1800 kg | Fuel Consumption 100% | 36.2 L/hr | 28.9 L/hr |

NOTE** Above is examples of 50Hz and 60hz version with JD4045. We are able to configure to your specific power requirements from 61 - 110 kW with the JD4045. See more power solutions and ratings from other engine models from John Deere.

John Deere 4045AFM85 DIMENSIONS WITH STAMFORD



CONTACT US

Complete marine generator sets from West Diesel have a wide array of standard and optional equipment, to meet your unique requirements. Contact us to hear more



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