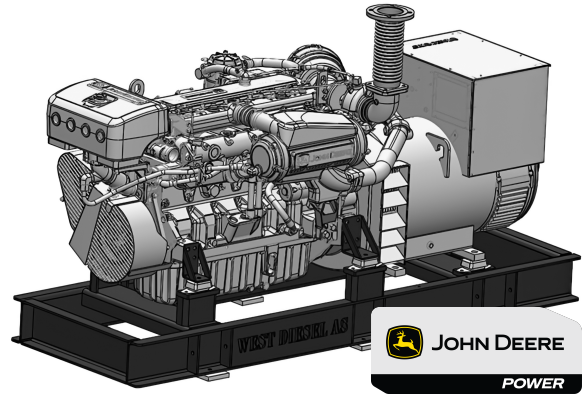


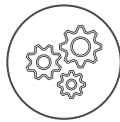
John Deere 6090AFM Marine Generator Set

Power Rating 195 - 222 kWm (227 - 258 kVA)

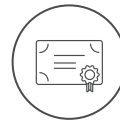
Prime Power	195 kWm	222 kWm
Power Rating	182 kWe	206 kWe
Power Rating	227 kVA	258 kVA
RPM / Frequency	1500 / 50 hz	1800 / 60 hz
Emission	IMO II / IMO III	IMO II / IMO III



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

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.



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

West Diesel

ENGINEERING

West Diesel assemble, develop and configure 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 6090AFM Marine Generator Set

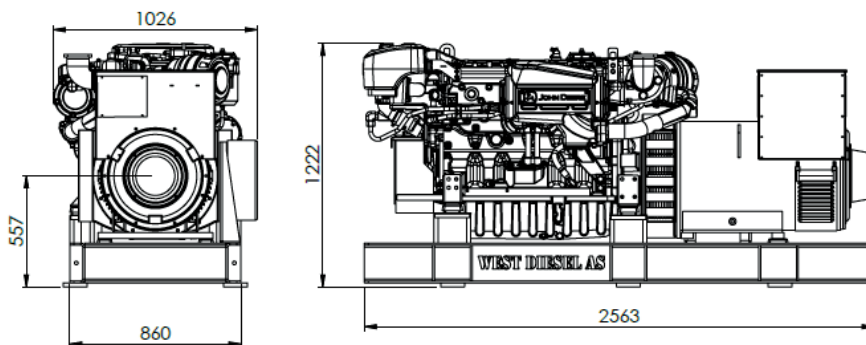
Power Rating 195 - 222 kWm (227 - 258 kVA)

The John Deere 6090 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	6090AFM85	Power / RPM / Hz	195 kW / 1500 RPM / 50Hz	222 kW / 1800 RPM / 60 HZ
Number of cylinders	6	Exhaust temperature	453 °C	493 °C
Engine type	In line, 4 Cycle	Exhaust flow	40 m ³ / min	49 m ³ / min
Aspiration	Turbocharged / Aftercooled	Max. back pressure	7.5 kPa	7.5 kPa
Bore and stroke	118 x 136	Min. exhaust diameter	dry 101.6 mm wet 114.3 mm	dry 114,3 mm wet 127.0 mm
Displacement	9,0 L	COOLING SYSTEM		
Compression ratio	16.3:1	Heat Rejected	220 kW	245 kW
Cooling	Keel - dual keel - heat exchanger radiator w/ electrical or belt driven fan	Radiated heat	13 kW 759 BTU/min	15 kW 856 BTU/min
Max installation angle	Front up - 12° Front down - 0°	Coolant flow	268 L/min	334 L/min
Combustion system	Direct Injection	Seawater pump flow	299 L/min	352 L/min
Governor type	Electronic	FUEL CONSUMPTION		
Alternator / Starter	12 volt / 24 volt	Fuel Consumption 25%	14.3 L/hr	18.2 L/hr
Alternator insulation	Class H / F	Fuel Consumption 50%	25.5 L/hr	34.8 L/hr
Alternator Protection	Drip Proof IP 23	Fuel Consumption 75%	38.0 L/hr	44.5 L/hr
Weight, dry	~2400 kg	Fuel Consumption 100%	53.1 L/hr	59.9 L/hr

NOTE** Above is examples of 50Hz and 60hz version with JD6090. We are able to configure to your specific power requirements from 194 - 222 kW with the JD6090. See more power solutions and ratings from other engine models from John Deere.

DIMENSIONS WITH STAMFORD HCM434



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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