

Bredenoord Offshore Power

Onshore and Offshore Generators
Rental | Sales | Service



Bredenoord

THE NETHERLANDS, APELDOORN

DENMARK, VEJLE

GERMANY, HAMBURG

THE NETHERLANDS, ROTTERDAM

GERMANY, SCHOPSDORF

GERMANY, WÖRNITZ

INTERNATIONAL SOLUTIONS



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OUR ENERGY YOUR POWER

**ENERGY WHEREVER AND WHENEVER
YOU NEED IT. OUR INVOLVED AND
PASSIONED PERSONNEL IS READY FOR
YOU, 24 HOURS A DAY AND 7 DAYS A
WEEK. THAT IS OUR PROMISE!**



Offshore Rental Power

Power is important for continuing your business. For over 75 years, Bredenoord is supplying reliable temporary power via Rental, Sales and Service. Together with excellent service, maintenance and a focus on safety, we deliver the benchmark in reliability. With its new 500/600 kVA Offshore generators Bredenoord takes its next step into the Offshore Industry. Delivering the high Bredenoord quality standards.

The equipment has been designed specifically for offshore deployment. The generators, 500/600 kVA, based on 50/60 Hz, are NORSE, DNV-GL and IMO Tier II compliant. In addition, the sets are containerized according to DNV2.7-1 regulations for offshore lifting. Our monitoring options ensure up-to-date information about the performance. Certified personnel is available 24/7 to facilitate undisturbed operation. Other equipment, such as fuel tanks and cables, is available.

APPLICATIONS

Bredenoord Offshore Generators provide you with reliable power for

- Offshore (support) vessels
- Offshore Wind Energy
- Offshore Platforms
- Drilling rigs
- Jack-up Barges
- Satellites (oil and gas)
- And other applications

Product details 500/600 kVA Offshore Generator



Technical specifications Offshore Rental generator

As a specialist of mobile power solutions Bredenoord developed the generators together with DBR, an independent manufacturer of generator sets for the offshore, marine and dredging industry.

Heavy Duty Offshore Genset

- Designed for extremely harsh environmental Conditions and meets NORSOK requirements
- The first Offshore Rental Genset in the world that fully complies according IMO Tier II and IACS certifications
- Wireless online monitoring
- External fuel tank connection
- Switchable 50 - 60 Hz
- Maximum operating temperature 45°C
- Connectable with other gensets (loadsharing)
- 2 sides lift pockets
- Dual start
- External accessible control panel
- Exhaust prepared for extension
- Sea water filter
- Duplex fuel filters

DNV-GL certified

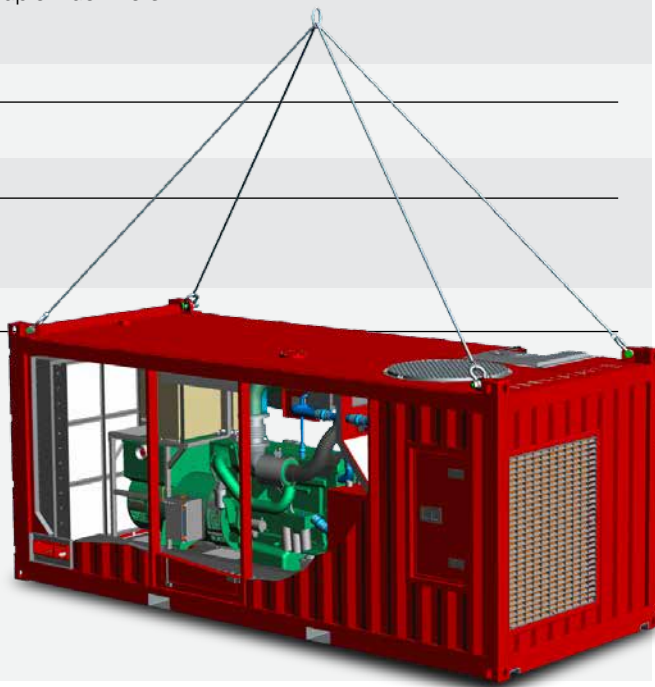
- For Marine & Offshore, windparks and Petrochemical Industry

Custom-built containerized

- According DNV2.7-1. Included with CSC approval for easy transportation everywhere in the world

Offshore safety Equipment

- DNV certified FiFi system, local and remote, in A60 compartment
- Air Shut Off Valve / Rigsaver
- NORSOK M501 painting and welding for use in harsh environment condition
- DNV2.7-1 and ISO 20 ft Offshore container with certified slings
- Exhaust silencer with integrated DNV approved spark arrestor
- Marine Certified control panel with Rental firmware (IACS approved)
- SS316 Earth bosses (5x)
- Gas detection

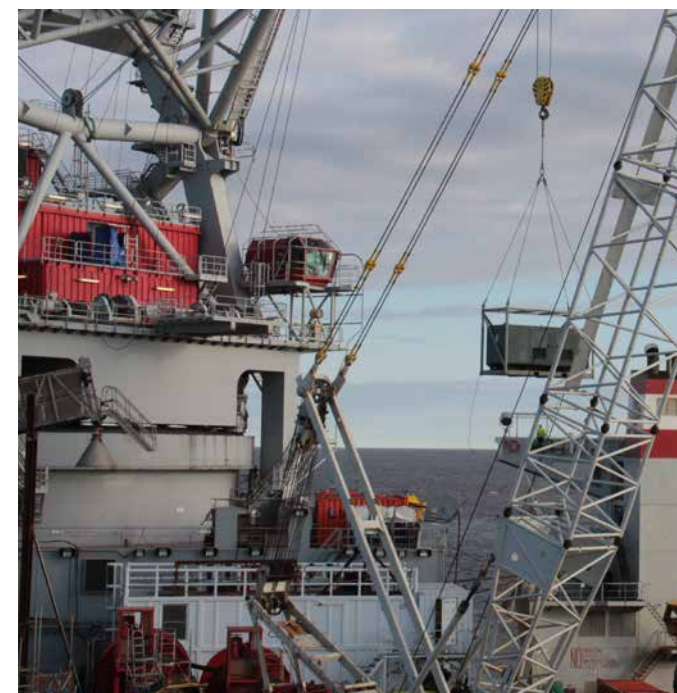


TECHNICAL SPECIFICATIONS	50HZ	60HZ
Prime Power ¹ (kVA kWe)	500 400	550 440
Standby Power ¹ (kVA kWe)	550 440	605 484
Voltage (V)	380 - 415	440 - 480
Circuit Breaker – 4P	800A	864A
Emission	IMO Tier II compliant	
Classification Marine Genset (in accordance with – IACS – SOLAS)	DNV-GL certified	
Containerized designed for Offshore Lifting	DNV2.7-1 and CSC	
Fuel tank capacity (litr)	1400	
Sound level (dBA) ²		
Weigth without fuel (kg)	13.000	
Weigth with fuel (kg)	14.000	
Dimensions LxWxH (mm)	6.058 x 2.438 x 2.591	

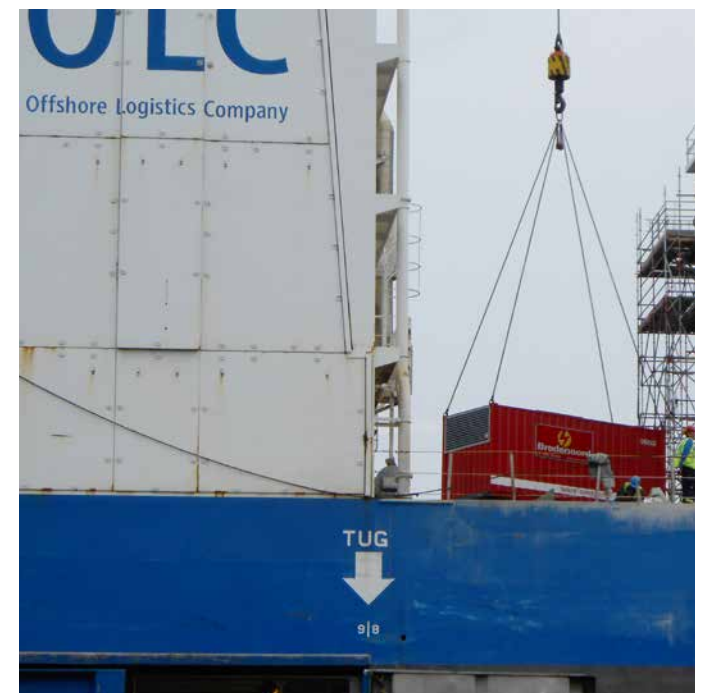
¹ In accordance with ISO 8528-1 ² Sound level at ~100% prime power@7 mtr.

Bredenoord Onshore and Offshore generators

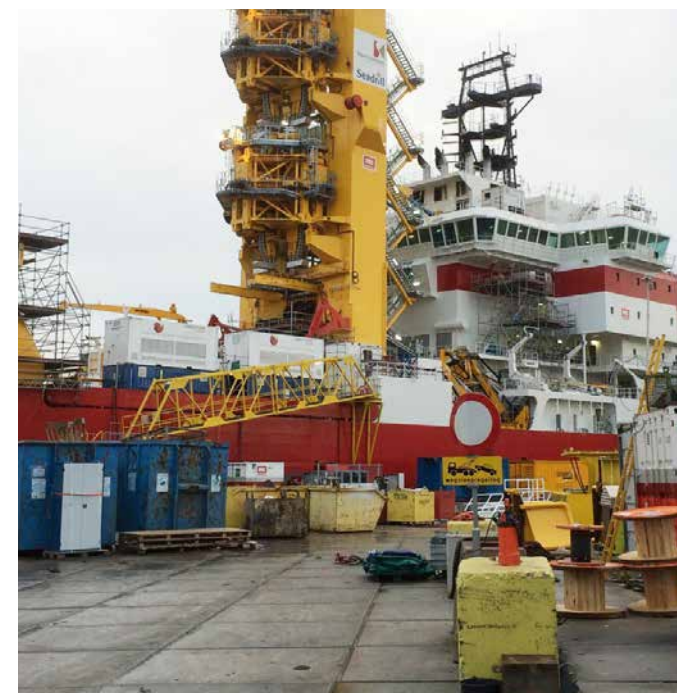
Next to our Offshore generators, Bredenoord meets demands in many applications with her large rental fleet of over 2000 high quality diesel generators with a power capacity of 15 up to 2.000 kVA (IMDG certified) and accessories. These can be supplied in DNV 2.7-1 container frames for Offshore lifting.



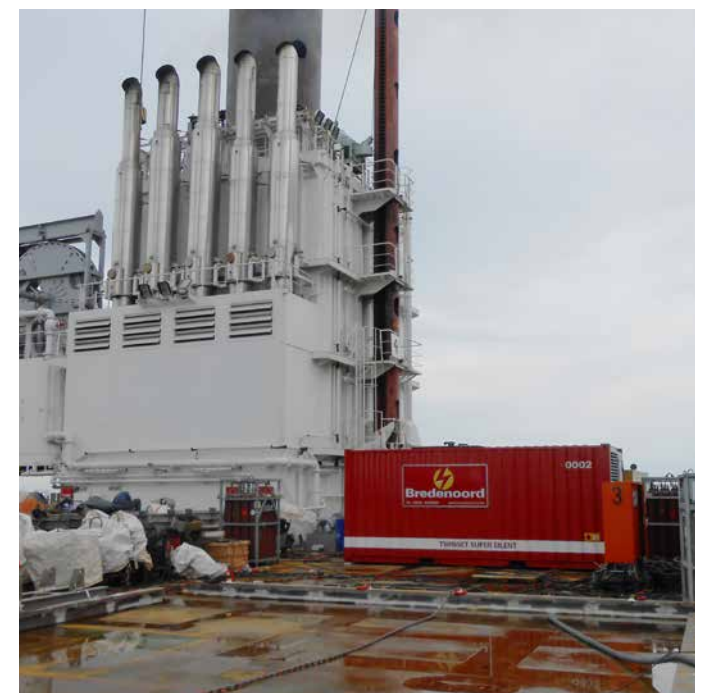
POWER PROVISION ARCTIC LOADING TOWER
SABETTA, RUSSIA



POWER FOR PRODUCTION WINDMILL PARK
BREMERHAVEN, GERMANY



FULL LOAD TEST ON BOARD GENERATOR SETS (24.600 kVA).
KRIMPEN A/D IJSEL (ROTTERDAM), NETHERLANDS



POWER FOR PRODUCTION WINDMILL PARK
CUXHAVEN, GERMANY



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