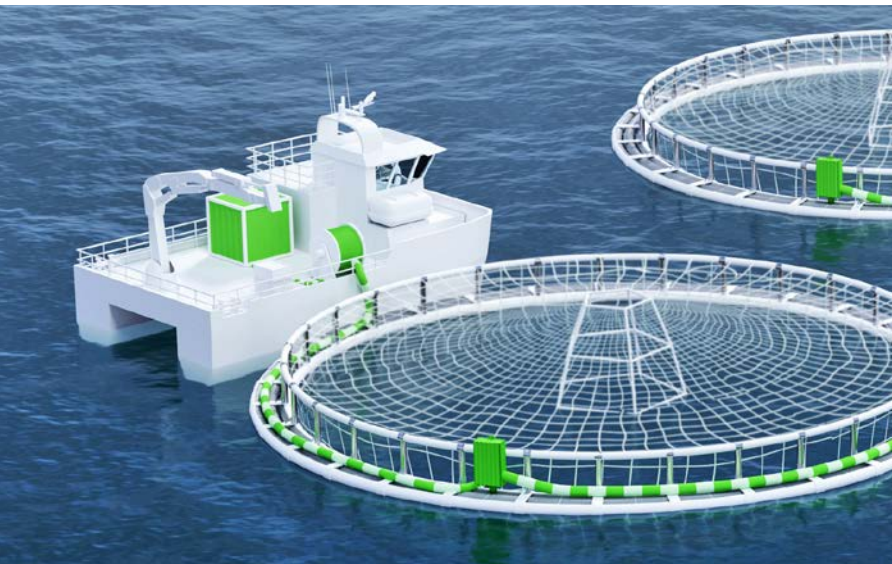


Electrical power system for small vessels

Designed for narrow space



- Flexible and space saving installation.
- User friendly working environment.
- Electrical or hybrid propulsion capability.
- Electrical deck machinery.
- Optimal grid control (OGC).
- ABB Ability™ Condition Monitoring.

Sustainable

Emissions from system are minimized with use of battery power charged from shore. Removing diesel engines and hydraulic powered equipment significantly reduce NOx and SOx emission and oil spill.

Reliable

Utilizing the great variety of ABB components together with our easy configurable control system, customer gets a seamless system that is prepared for options in the ABB portfolio like ABB Ability™ condition monitoring. This will help customer to be in front of possible issues.

Silent

When powered from batteries the silent operation contributes to a good work environment onboard as well as to the surroundings.

Space saving

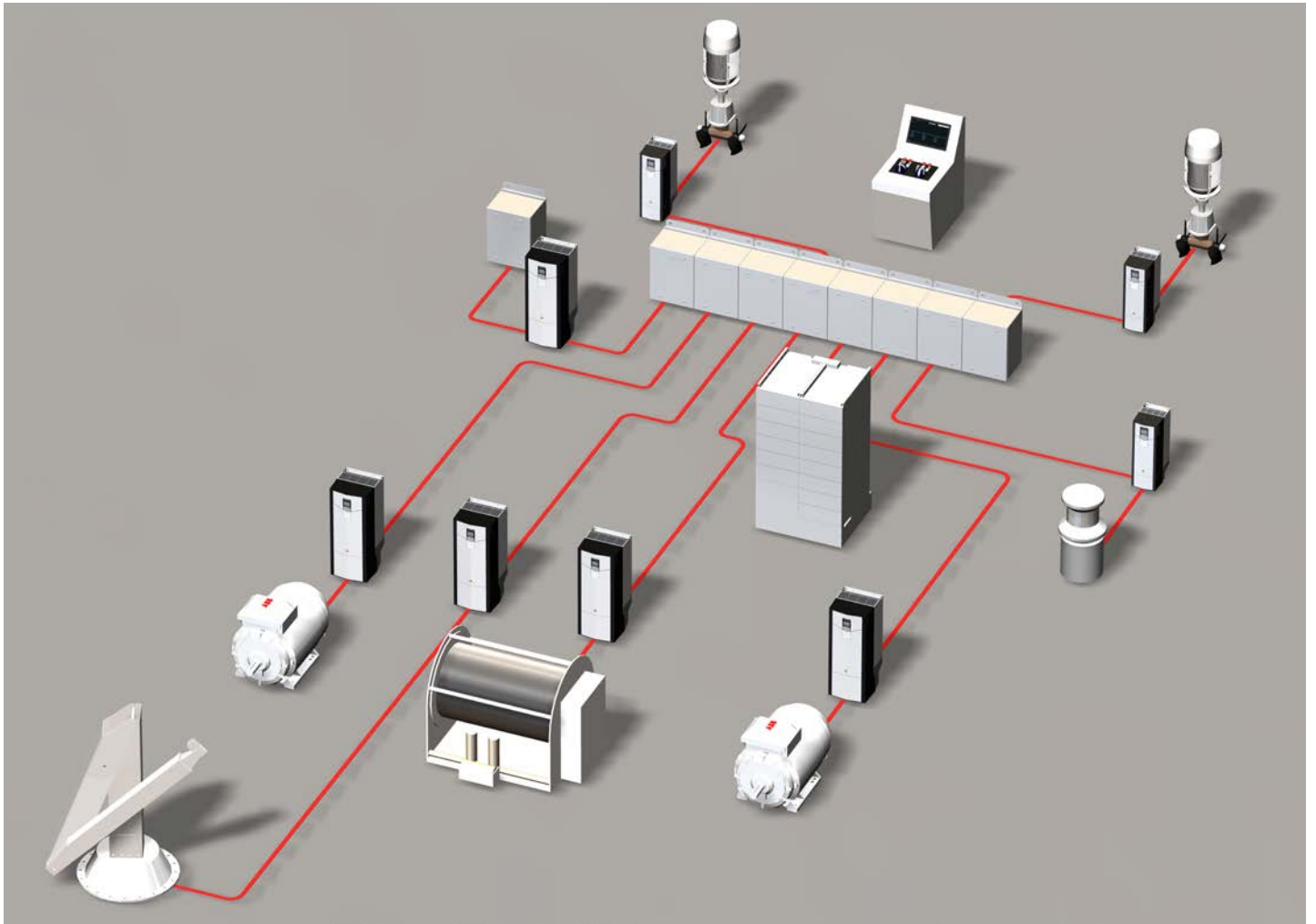
Especially designed with focus on demanding space requirements, this system provides a flexible and seamless solution for smaller vessels.

Flexible

The system can be purely battery powered, charged from shore connection. If operating profile requires extended flexibility, generator is easily implemented.

Propulsion are either pure electrical or hybrid, selected according to needs.

Equipment like HPU, capstan, winch or crane can be powered electrically.



01 Picture
System
overview
Pure battery

System	
Pure battery system	Yes
Diesel electric system	Yes
HMI & Control system	
HMI & Control system	Yes
Control positions	
Bridge	Yes
Deck	Yes
Onboard charger	Yes
400/230VAC switchboard	Yes

Propulsion	
Power range	<300 kW
Motor speed	<4000 RPM
Electric propulsion	Yes
Hybrid propulsion	Yes
Auxillary equipment electrical possibility	
Crane, winch, capstan	Yes
HPU	Yes
400/230VAC DOL	Yes

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