

Power and Propulsion Solutions

HybriGen[®] Zero

HybriGen Zero, the eco-friendly genset powers all vessel hotel loads with electric power.

Save fuel, emissions, and space with BAE Systems' HybriGen Zero genset. With 300kW of electric power, all electric accessories

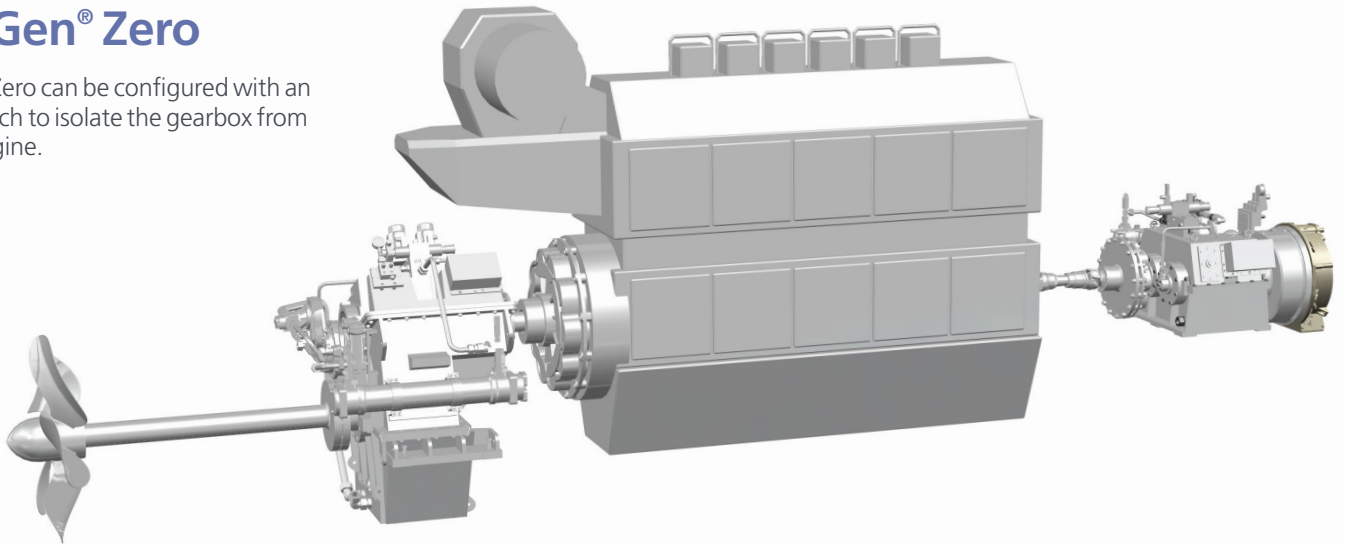
on a vessel can be powered as a maintenance-free generator. By taking of minimal power from the main engine HybriGen Zero runs efficiently, eliminating the need for maintenance-intensive auxiliary diesel gensets. Further, in some applications operators may also benefit from the ability to load an under-used diesel engine.



HybriGen Zero powers hotel loads with electric power, eliminating the need for inefficient, costly auxiliary diesel gensets.

HybriGen® Zero

HybriGen® Zero can be configured with an optional clutch to isolate the gearbox from the main engine.



HybriGen Zero eliminates the need for a standard auxiliary genset to save maintenance, fuel, and emissions for towboats and fishing fleets.

HybriGen® Zero has a flexible architecture to support a wide variety of platforms. It provides outputs from 30 to 300kW, up to 120kW of power at engine idle (350 RPM) and up to 230kW at full engine speed (900RPM).

Compact system

HybriGen Zero's space claim is less than a quarter the size of a conventional diesel genset.



HybriGen Zero

- Near Zero Maintenance*
- Near Zero Emissions*

Zero Never Meant So Much*

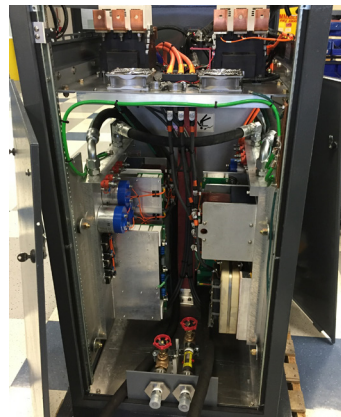
*When compared to a conventional diesel generator.

Benefits

- Flexible architecture to support a variety of platforms
- Outputs available from 30 to 300kW
- Replace under-utilized gensets with 300kW of electric power on demand
- Decrease diesel engine maintenance
- Decrease space claim

Power Electronics

BAE Systems' power electronics convert the AC output power from the generator into clean utility grade power for the auxiliary systems aboard the vessel.



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