

No. 9

BEMAC

BEMAC Corporation

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AHTS	PSV	FPSO	Drill Ship	Semi-sub
▶	▶			

Product

We have developed AC690V Main Switchboard (MSB) targeting supporting vessels of marine resources development, such as Anchor Handling Tug Supply Vessels (AHTSV) and Platform Supply Vessel (PSV).

Specification of Main Switchboard

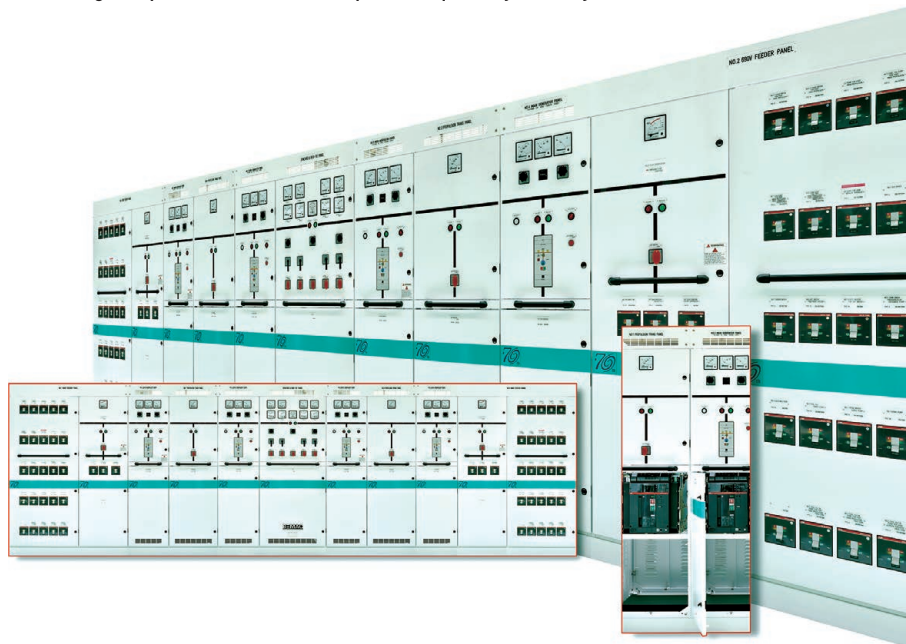
Source : AC690V, 3Φ, 60Hz

Gen.Capa : 2500kVA x 4 *

Gen.Panel Dimension : W500, H2000, D800 (mm)

Spec. of Automation : Totally automated by integration with DP System

* Gen.Capa is the maximum capacity for the Gen.Panel dimension above.
According to specifications, Gen.Capa. and quantity are adjustable.



Control and power management function

Automatic synchronization, automatic load sharing, monitoring bus and power management function are installed. Improving reliability by distributed system. Control unit every generator arranged distributed system modularization every generator.

- Monitor and control of bus power supply and generator voltage
- Selection and control of stand-by generators
- Automatic synchronization control
- Automatic load sharing control
- Control of the number of generators to be operated
- Large motor start blocking control
- Interactive communication between ACBs makes it realized high-speed power cut-off function to comply with DP2 notation requirement with the advanced generator protection at the closed bus system.
- Realizing highly controllable system and more flexibility in the design by connecting with our DP system, alarm monitoring system, power management system and each ACBs.

