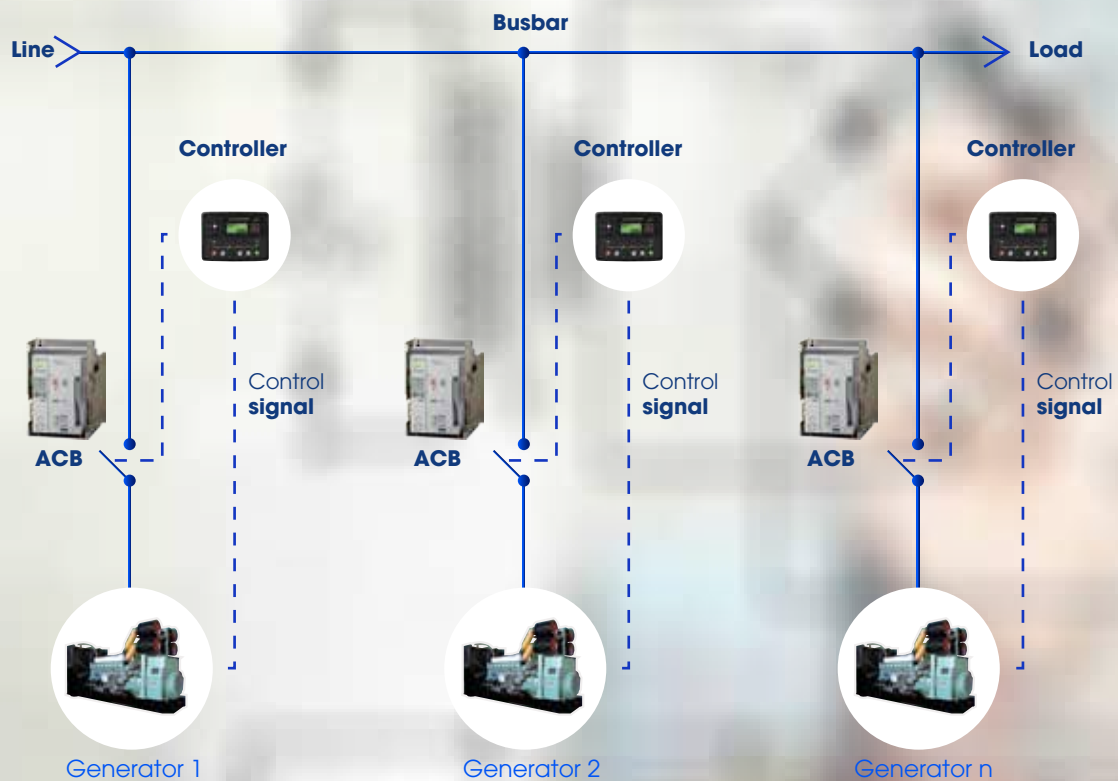


AUTOMATIC SYNCHRONIZATION SYSTEM



ASS (Automatic Synchronization System) is designed for the parallel running of diesel generator sets. It allows up to 16 generator sets running in auto synchronization. Connected with ATS (Auto Transfer Switch) is capable to start generator sets and synchronization automatically, adjusting numbers of generator sets in use depended on the loading, and when the main power recovers, unloads and shuts off the generator sets automatically.

An ASS system allows parallel running of generator sets with the main power to control and supply stable power. This system can be customized to meet different demand.

ASS is applied in electric power, mechanical, communication industries...

System Advantages

An ASS system contains a Deepsea Controller, an electronic governor, an AVR (Auto Voltage Regulator), an electronic breaker.

- High reliability: reliable protection, safe performance, all are safety items or systems for the machines itself and for operators.
- Wide application: one generator set with a single control panel, can run as single power supply or the whole synchronizing system.
- Easy operation: automatic control, multiple language operation system, internal failure detection.
- Lower operating cost: Run a proper number of generator set according to demand of loading, to reach a system of off-peak power consumption, avoiding low loading of high power capacity generator set.
- Lower initial investment: installing a generator set for current loading, add a new generator set if the loading is expanded in future.