The world’s greatest yachts deserve the industry’s best power generation systems. But properly loading your generator set can be a challenge. The increasing size and popularity of bow thrusters, zero-speed stabilizers and other popular gear - to say nothing of increasing vessel size - can lead to power management issues. When large AC consumers are not online, it can result in smoke, soot and lower overall efficiency.

The solution - Technicold Automatic Load Banks. By supplying supplemental electrical load, Technicold Load Banks ensure the generator’s optimal performance.

Our load bank system monitors each leg of power. When the ship’s power usage fluctuates the system adds or sheds kW’s based on your pre-set parameters.

Technicold Load Banks come with a standard programmable load controller (PLC) on a touch screen monitor. You can easily set kilowatt limits and make future adjustments if required.

Like all Technicold products, our load banks are built with the finest, marine-class materials, and designed to our industry renowned engineering standards.

Ensure your electrical system continues to provide the clean, clear and comfortable power you deserve - add a Technicold Automatic Load Bank.
STANDARD FEATURES

- Fresh water cooled heater element module
- Marine grade aluminum housing with stainless steel base
- Cupronickel heat transfer coil. No zinc required
- Two part polyurethane gloss white paint

Safety Shutdowns:
- High temperature in control cabinet
- High temperature heater tank
- Water flow

- Heavy duty raw water and fresh water circulation pumps
- Stainless steel expansion tank with sight glass
- Load tested at factory
- Operator’s and installation manuals

DIMENSIONAL DRAWINGS

PLC Control Panel

Standard Expansion Tank

LOAD BANK HEATER TRANSFER MODULE
The Automatic Load Bank System is designed to be easily programmed and monitored.

Many more options are available - consult your factory representative.

**PUT CONTROL AT YOUR FINGERTIPS**

The Automatic Load Bank System is composed of two primary parts - the Controller and the fresh water cooled Heat Transfer Module.

The Controller monitors power on each leg of the generator set’s output. With three basic sizes - 24, 36 and 48 kW, the variable output management allows incremental load balancing. No other load bank permits this level of accuracy.

The Heat Transfer Module protects the system through heat exchanged water.

**HOW WE ENSURE A PROPER LOAD EVERY TIME**

Many more options are available - consult your factory representative.