



# Case Study: Nordhavn Yachts

OutBack Marine Power System Installation



## Overview

The mission of California-based Pacific Asian Enterprises, Inc., builder of Nordhavn Yachts, is to design and build the best quality and most seaworthy yachts in the world. The company's yachts, which range in length from 40 to 120 feet, boast the highest circumnavigation rates in the industry.

Nordhavn customers break cruising records all over the world, and the absolute reliability they expect from their crafts extends to their navigation and communications equipment. **Whether Nordhavn vessels are operating near the shore or in the middle of the ocean, their owners need assurance that should engines fail, on-board batteries and inverters can provide power** necessary to keep vital components and communications systems operating flawlessly.



*OutBack Power allows us to design electrical systems that meet the marine-quality demands of our customers. The company provides versatile devices that bring a measurable level of reliability, convenience and safety to every one of our boats."*

**Mike Telleria**  
Engineer, Nordhavn Yachts

## System Specifications

**Location:** World-wide Maritime  
**System Power:** 7kW and Larger Systems  
**System Components:** M-Series Marine Inverters and FLEXmax Charge Controller





## Objectives

- Ensure that critical marine equipment is always supported by on-board power
- Smoothly and quietly convert 24VDC battery and alternator power to 120 or 240V AC power
- Protect the global reputation of the Nordhavn brand with power and electrical systems that meet the unique demands of luxury, long-distance, global yachting

## Solution

Due to the versatility and sealed design of OutBack inverter/chargers, Nordhavn's electrical consultant suggested the company use OutBack equipment on its boats to meet customer demands for reliability, convenience and safety. **As a result of its experience with OutBack products, the company has since made OutBack inverter/chargers standard equipment** on all of its domestic boats and some international models. With OutBack solutions in place, Nordhavn owners enjoy the peace-of-mind necessary for a high-end deep-sea experience. Owners are assured that they can count on continuous, clean power while thousands of miles from the nearest land, whether it's to run critical navigation equipment or operate TVs, computers and appliances.

## Benefits

- OutBack inverter/chargers allow versatile design to meet yacht owners' demands
- OutBack inverter/chargers ensure reliability, convenience and safety on every Nordhavn yacht
- Yacht owners are assured of clean, dependable, uninterrupted power, which is critical during long voyages at sea