

# FAST Power Management Systems



Upgrade/New Installs  
Or **RETROFIT**

*Featuring Seamless Transfer  
Generator Automatic Start/Stop, Load  
Management, Touch Screen Controls*

## Introduction

Nauti-Tech Systems proudly introduces the FAST-PMS, our all-in-one fully automated power management system. **A revolutionary patent pending discrete switching technology operates lightning fast seamless transfers** between sources, **no control of the generator frequency and voltage needed**. This makes it easy to upgrade any generator/shore power systems on small or large vessels. It's simple and economic to install and setup, it can use the existing contactors, or can be supplied with our complete switch gear module. FAST PMS operates fully automated seamless transfers, starts & stops generators and switches to shore source when they become available. It also combines the shore sources to better balance the loads and manages polarity correction and safe disconnect. With powerful features like, automatic load balancing, selective load shedding, KWH, frequency, current & voltage & events & alarms logging and monitoring. FAST PMS has it all!

To complete this package, our daisy-chainable 7" inch touch screen provides quick and easy control, and can be integrated to your systems via Modbus or TCP/IP. The HMI shows the systems real time status, gives access to simple instant manual override and to a trove of adjustable settings and parameters used to finely tailor the automation, all at your finger tip. User defined presets can be stored and called back with a single touch, like "Away" "Fishing" "at Dock".

*FAST-PMS fully integrates with Nauti-Boost and Hubbell Marine transformers, and supports most of other isolation and/or boost transformers on the market. Versions are available for single phase, split phase and 3 phase installations.*

## Features

- No generator speed/voltage control
- Seamless Transfer Gen1/Gen2
- Seamless Transfer Shore/Gen
- Shore A / Shore B Combine
- Dual or Single Load Bus
- Load Balancing, Load Shedding
- Reverse Phase Correction
- 3 Phase Detection
- Event and Alarm Logs
- Voltage & Current Metering

**Base Kit**

**Includes**

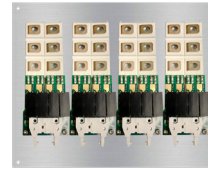
7" Touch Display



Power & Switchboard Controller



Discrete switching module



Gen Start/Stop CT's



**Optional Parts**

Gen Start/Stop



Load Shedding



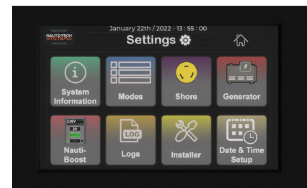
Switch Gear



#	FP-GSSA / FP-GSSB
1	Generator Start/Stop module
2	Modbus RTU
3	7 Relay outputs configurable
4	1 general alarm output

#	FP-LS1 /LS2 /LS3
1	LS1: 4 outputs + 4 feedback
2	LS2: 4 outputs + 4 feedback
3	LS3: 4 output + 4 feedback

#	FP-SGP 50 / FP-SGP 100
1	SGP50: Dual 15kW cords + Dual 25kW generators
2	SGP100: Dual 25kW cords + Dual 50kW generators
4	1 general alarm output



**FAST PMS Electrical Specifications**

Supply Voltage	185VAC -265VAC
Operating Current (w/wifi)	100mA - 250mA
ESD Susceptibility (HBM)	2kV
Storage Temperature	-40°C - +85°C
Operating Temperature	-20°C - +60°C

#	FP-TS7-1000
1	7" Touchscreen
2	Hight Brightness 1000 NIT
3	