

NBK-Series

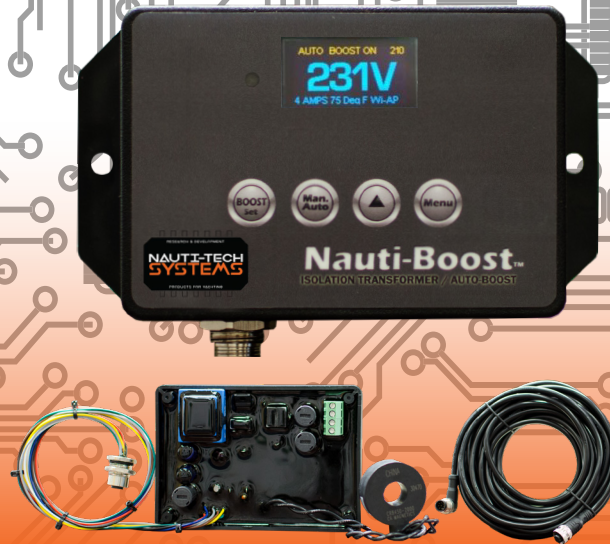
NBK-IsoBoost50

NBK-IsoBoost100

NBK-V1

# Nauti-Boost Controller

## Charles PM3 Retrofit kit



### Introduction

The Nauti-Boost Marine Voltage Controller provides Transformer Polarization between the Shore Power and Vessel's Electrical System and also compensates for Low Voltage Shore Power conditions by adding an additional 10 percent voltage boost when needed. It can be set to detect low shore power voltage and boost voltage upon the initial connection to the dock only or continuously act to raise and lower the voltage as required. AC Voltage is monitored and displayed on the front panel display. Nauti-Boost is also WiFi-Enabled allowing you to connect your mobile device or computer for voltage monitoring plus control of the boost function manually. Nauti-Boost can be its own WiFi Access Point or connect to the vessel's existing WiFi network for server-based reporting both on the Vessel locally and on the Cloud.

### Features

- Auto / Manual Boost
- Compensates for low voltage
- Retrofit kit available
- AC metering displayed on LCD
- Compatible with Iso-boost transformer
- Accessible via web interface


### RETROFIT KITS



<p><b>NBK-V1</b></p>	<p><b>NBK-IsoBoost50</b></p>	<p><b>NBK-IsoBoost100</b></p>
<p>Includes: 1x Mainboard 1x Controller 1x 30"feet Cable</p>	<p>Includes: 1x Mainboard 1x Controller 1x Contactor (50A)</p>	<p>Includes: 1x Mainboard 1x Controller 1x Contactor (100A)</p>



**Accessories**

\* Convert any standard isolation transformers into a boost transformer

	<b>Boost Transformer</b>	<b>T111684</b>	<b>T113074</b>	<b>T111686</b>	<b>T113076</b>
	VA Rating	1.5kVA	1.5kVA	3kVA	3kVA
	Input Voltage	120V-240VAC			
	Output Voltage	12V-24VAC	16V-32VAC	12V-24VAC	16V-32VAC
	Weight	28lbs	30lbs	56lbs	55lbsB
	Dimensions	5*5*11 (in)		7*10*11 (in)	
	Boost Ratio	10%	12.5%	10%	12.5%

	<b>NBK-Ext10</b>	<b>NBK-1M</b>
	10 Meter extension cable	1 Meter short cable
	<b>NBK-C1</b>	
	220 Volt coil contactor for all transformers	

**Wiring Diagram**

