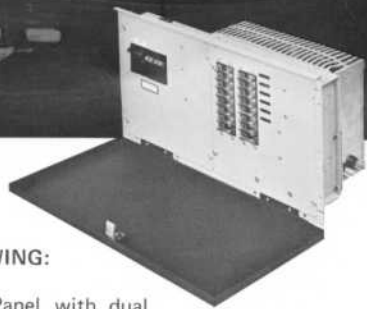


the complete shore power system



8000series



SHORE POWER SYSTEM INCLUDES THE FOLLOWING:

- Complete 115 volt A.C. Electrical Distribution Panel with dual 30 amp main breakers to break both the hot and neutral input lines for safety, with up to 4 – 115 VAC branch circuit breakers available.
- A 20 or 30 amp power converter section to supply 12 VDC power to 12 volt appliances while the batteries are being charged.
- One or two fully automatic battery chargers (9 amp charge rate).
- D.C. Fuse Panel.
- Available with automatic shore power to generator transfer relay.

Series 8000 PROGRESSIVE DYNAMICS' MARINE SHORE POWER SYSTEM WITH ...

modular construction for accessibility

115 V.A.C. Distribution Panel Module with generator to shore power transfer relay.

Power Converter Module with step-down transformer rectifier diodes and silicon controlled rectifiers.

D.C. Fuse Panel Module with battery disconnect relay and battery charger circuit boards.

The Power Converter Module of the shore power system operates in the following manner: When your boat is connected to 115 V.A.C. the relay in the D.C. panel module automatically disconnects the batteries from the 12 volt electrical system and places them on charge. The Power Converter Module then supplies all the 12 volt power necessary to operate lights, fans, pumps, etc. This system ensures that your batteries will have a maximum charge when you leave the dock.

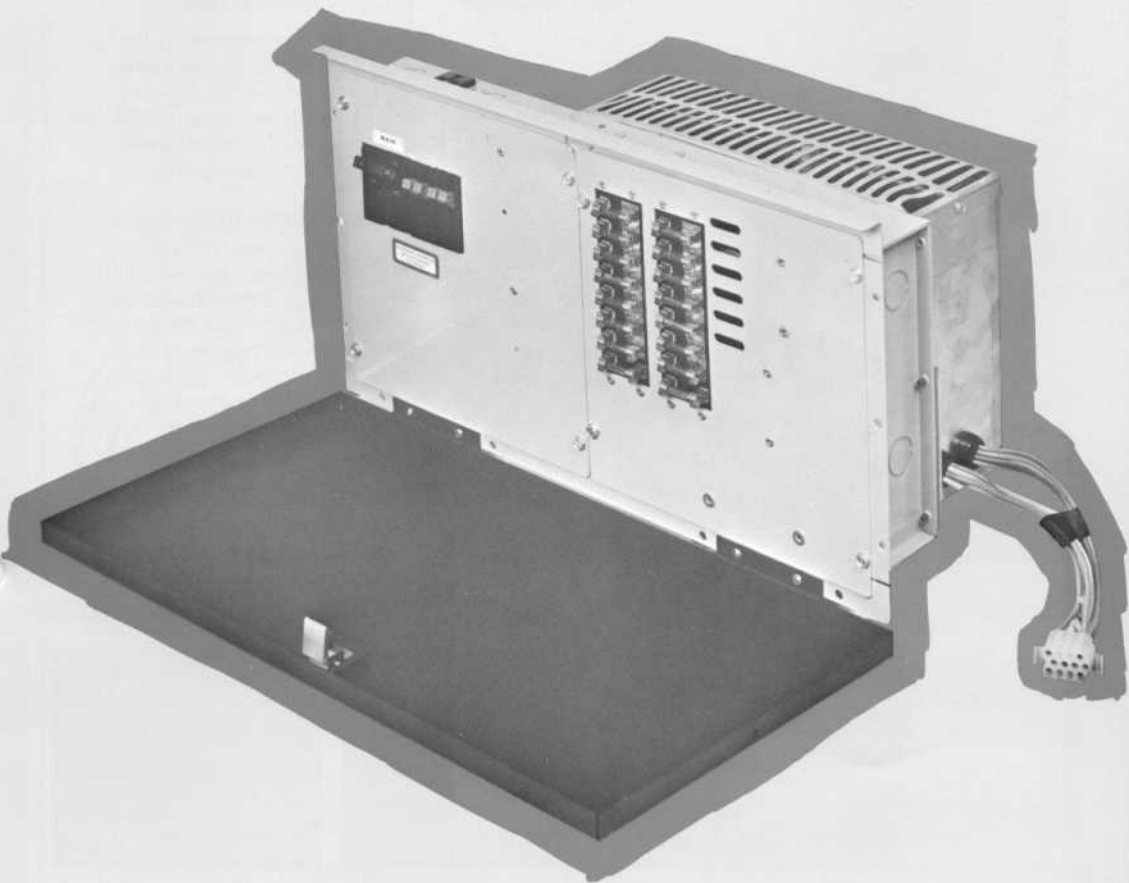
PLUS FEATURES that mean longer life and quality performance ● **Transformer** designed and manufactured by Progressive Dynamics specifically for the marine industry. ● **Air cooling** is vertical and straight through for more efficient operation. ● **Baked enamel finish** with phosphate bordered rust inhibitor. (Door is matte black, cabinet gold.) ● **Large connector pins** of 1/8" diameter. ● **Rated for 20 amps.** ● **Wire** is 105° C rated throughout. ● **Charger board** made of

G-10 high grade epoxy glass for reliable service. ● **Heavy duty diodes** 200 volt peak reverse voltage. ● **Exclusive Diode Transient Protection** helps protect the diodes from lightening and power line surges. ● **Temperature sensing thermistor**, for proper battery charging rate at varying temperatures. ● **SCR (Silicon Controlled Rectifier)** 350 amp., one cycle surge rating. ● **Extra large Extruded Aluminum Heat Sink** dissipates heat better for longer diode life. ● **Fuse clips** of Beryllium copper for longer life (the best there is). ● **Saves installation labor cost** as all electricals are combined into one area.

Features like these are your assurance of quality and dependability. Patents or patents pending cover numerous items on the Control Center.

Series PD-8061 MARINE SHORE POWER SYSTEM WITH 16 PLACE FUSE BOARD

Shipping Weight — 54 lbs.



STANDARD FEATURES

- Two fully automatic plug-in battery chargers (9 amp charge rate).
- Fourteen 12-volt D.C. fused output circuits for lights, pumps, blowers, etc.
- Two fused battery circuits to operate electronic radio and navigation equipment.
- Two 30-amp., 120 V.A.C. main circuit breakers to break both the hot and neutral power lines for safety.
- Converter output rating 30 amps.
- Attractive black front access door.
- Mounting hole 9" x 19-1/2".
- Size: 11" high, 20-1/4" wide, 7-3/4" deep.

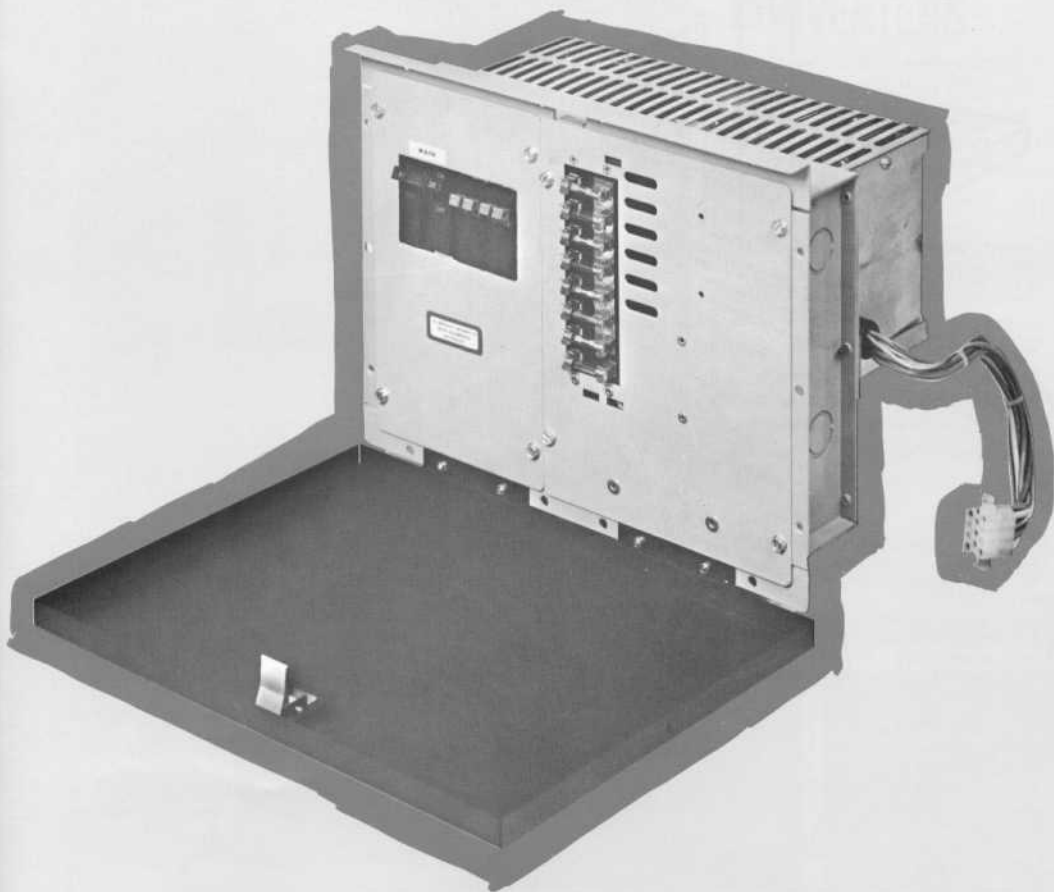
OPTIONAL FEATURES

- Automatic generator to shore power change over relay (with 60 sec. delay).
- Brown front door. (Specify.)

NOTE: This unit can be supplied with up to four 120 V.A.C. branch circuit breakers rated either 15 or 20 amps or a combination of both. (Specify)

series PD-8051 MARINE SHORE POWER SYSTEM WITH 8 PLACE FUSE BOARD

Shipping Weight — 42 lbs.



STANDARD FEATURES

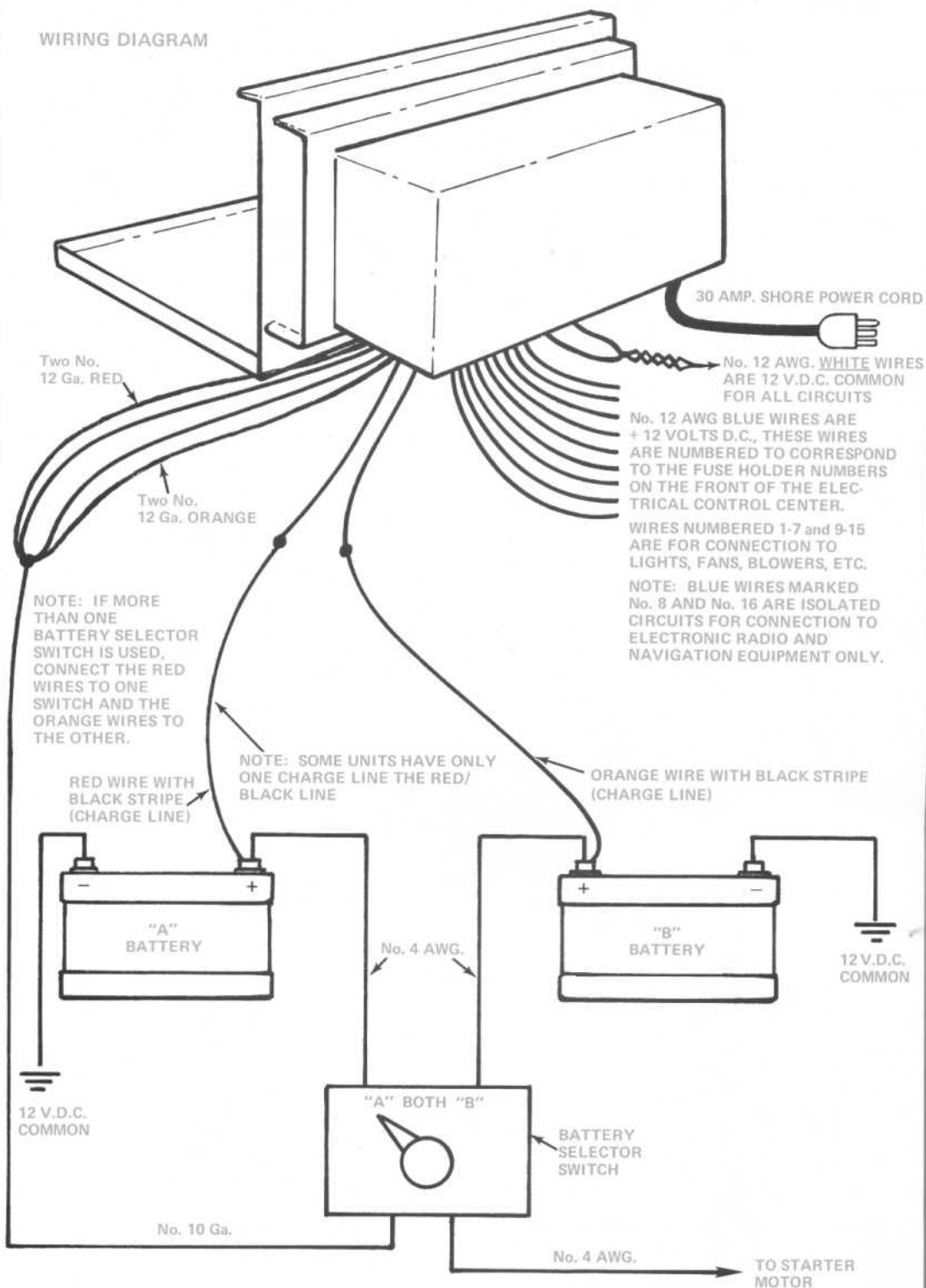
- Fully automatic plug-in battery charger (9 amp charge rate).
- Seven 12-volt D.C. fused output circuits for lights, pumps, blowers, etc.
- Fused battery circuit to operate electronic radio and navigation equipment.
- Two 30-amp., 120 V.A.C. main circuit breakers to break both the hot and neutral power lines for safety.
- Converter output rating 20 or 30 amps. (Specify)
- Attractive black front access door.
- Mounting hole 9" x 13-1/4".
- Size: 11" high, 14-1/2" wide, 7-3/4" deep.

OPTIONAL FEATURES

- Brown front access door. (Specify)
- Additional 9 amp. charger. (Specify)

NOTE: This unit can be supplied with up to four 120 V.A.C. branch circuit breakers rated either 15 or 20 amps. or a combination of both. (Specify)

WIRING DIAGRAM





PROGRESSIVE DYNAMICS "IS" POWER CONVERTERS

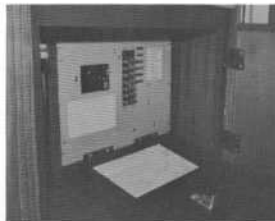
A pioneer and innovator in the R.V. and marine field of power converters and battery chargers since 1965, today power converters and Progressive Dynamics have almost become synonymous.

Seventeen different basic power converters and over 100 major different variations are available for everything from tent campers to largest motor home to marine. Wherever 12 volt power is used, there is a Progressive Dynamics power converter or converter system to meet every need.



Progressive Dynamics Incorporated
604 South Kalamazoo Street, Marshall, Michigan 49068
Phone (616) 781-4241

Variety
of
Installation
Locations



**ENGINEERING
MADE
THE
DIFFERENCE!**

Warranty

Ask to see the written warranty on each Progressive Dynamics product for your added protection.



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