

Electrical Panels

NEWMAR offers a wide range of stylishly engineered electrical panels to provide control, protection and monitoring for on-board electrical circuits, ranging from basic meter panels to full-function AC/DC master distribution centers.

The panels are manufactured with 1/8" strong black anodized aluminum, feature elegant graphics, and their modular design allows integration of multiple units for a "custom" installation. All panels are pre-wired with bus bars and ground strips for easy installation, and come with extensive circuit identification label sets.

The circuit breakers use a "trip-free" magnetic-hydraulic mechanism and are UL recognized and CSA listed.

Individual circuit "ON" indicator lights are now standard for all distribution branch circuit breakers. Many models of meter panels and distribution panels are also available as blanks with bus bar, breaker mounting screws, labels and indicator light mounting hardware, allowing the installer to select from a wide array of components for maximum options in electrical system design.

Accessory Panels

These versatile panels are ideal for smaller vessels with only a limited number of electrical circuits, or for larger systems where their modular design makes for an easy and attractive expansion of existing system capacity.

Stock panels with breakers installed come standard with DC indicator lights, but may be factory modified with AC indicator lights instead. Blank versions of the panels come with all necessary hardware to install lights and breakers. All panels are provided with a circuit identification label set of 22 common on-board electrical functions (see below).



ACCY-IX: 8 breaker capacity, 5 installed standard; 2-5A, 1-10A, 1-15A, 1-20A or specify. 8 DC circuit "ON" indicator lights installed standard, AC lights optional. Size: 7 1/2" x 5 1/4", Weight: 2 lbs.

ACCY-IBX: Blank version of ACCY-IX above. No breakers provided. Label set, light and breaker mounting hardware provided. Weight: 1 lb.

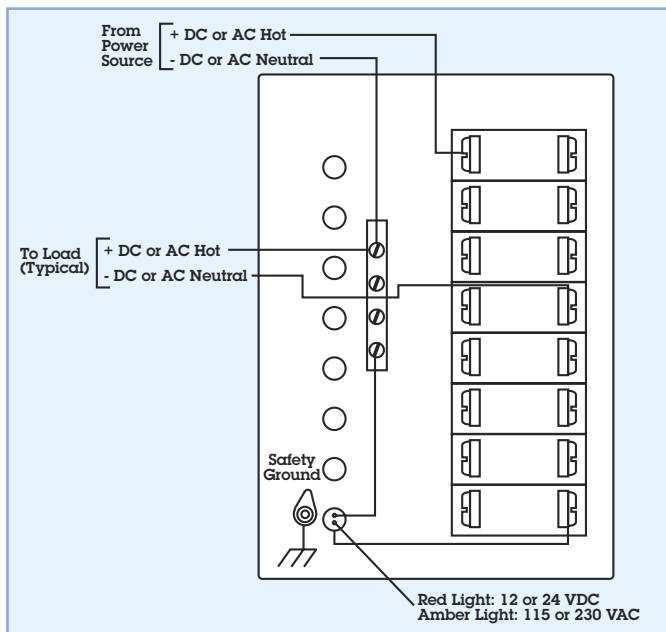
ACCY-III: Half-height version of ACCY-IX at left. 3 breaker capacity, 3 installed standard; 3 DC "ON" indicator lights installed standard - AC optional. 1-5A, 1-10A 1-15A or specify. Size: 3 3/4" x 5 1/4", Weight: 1 lb.

ACCY-IIBX: Blank version of ACCY-IIX above. No breakers or lights provided. Label set, light and breaker mounting hardware provided. Weight: 1 lb.



See page 22 for Panel Back Enclosures.

Typical Accessory Panel Wiring Diagram



Installation Cut-Out Dimensions*

	Inches (W x H)	Centimeters (W x H)
ACCY-IX	4 X 6	10.2 X 15.2
ACCY-IBX	4 X 6	10.2 X 15.2
ACCY-III	4 X 2.5	10.2 X 6.4
ACCY-IIBX	4 X 2.5	10.2 X 6.4

* Allow approximately 3" depth clearance for all panels on this page.

Label Set Provided

Each panel is provided with a basic set of the following functions listed. Other more extensive label sets (up to 206 functions) are also available separately. To see the complete list, visit www.newmarpower.com and click on Electrical Panel Accessories.

LS-I Standard Set 22 Labels

ACCESSORY	FORE CABIN	SPARE
AFT CABIN	MAIN CABIN	SPREADER
ANCHOR	MAST	SUMP PUMP
BILGE PUMP	NAV/COM	WATER HEATER
BOW	OUTLETS	WATER PRESSURE
CABIN LIGHTS	REFRIGERATOR	WINDLASS
ENGINE ROOM	RUNNING	WINDSHIELD

Electrical Panels

DC Master Panel

DC monitor, protection, and control. Dimensional compatibility allows easy expansion of the system by incorporating additional accessory or monitor panels (see pages 18 and 21, respectively). Features an illuminated, expanded scale DC voltmeter with dual battery bank test switch and individual "ON" indicator lights. A label set of common on-board circuits is provided (see page 18, LS-I, for label list).

DC-IX: Voltmeter with dual battery bank test switch; 11 circuit breaker capacity, 9 installed standard 2-5A, 3-10A, 4-15A or specify.
Panel size: 10 1/2" x 7 1/2", (26.7 X 19 cm.); Weight: 4 lbs., (1.8Kg.)



Installation Cut-Out Dimensions

	Inches	Centimeters
DC-IX	8.3 X 6.3	21.1 X 16

AC Master Panels

Essential control/protection whenever AC from shorepower or generators is on board. A double pole master breaker with power on indicator light protects both hot and neutral legs of the AC circuit. A reverse polarity light provides clear warning when wiring is reversed and poses a shock hazard. Single pole branch circuit breakers (Model AC-IX) and individual "ON" indicator lights provide control and protection of various AC loads. For 115/230 VAC applications – see ratings note. A label set of common on-board circuits is provided (see page 18, LS-I, for label list).

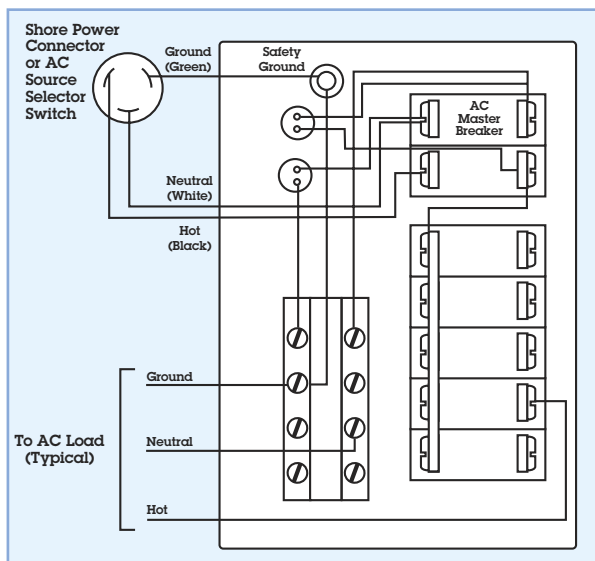
AC-IX: 30 amp master breaker (15A or 50 A* optional), 5 branch circuit capacity 4 installed standard 1-10A, 2-15A, 1-20A, or specify. LS-I Label set included. Panel size: 5 1/4" x 7 1/2", (13.3 X 9.5 cm.)
Weight: 2 lbs., (.9 Kg.)

AC-II: 30 Amp master breaker (15A or 50A* optional).
Panel size: 5 1/4" x 3 3/4" (13.3 X 9.5 cm.),
Weight: 1 lb (.5 Kg.)

*50A option rating note: OK for use on 230 VAC line-to-line systems. *Not* rated for 230 VAC line-to-neutral systems.



Typical AC Panel Wiring Diagram



Installation Cut-Out Dimensions

	Inches	Centimeters
AC-IX	4 X 6	10.2 X 15.2
AC-II	4 X 2.5	10.2 X 6.4

Alternate Circuit Breaker Amperage Ratings

Changing circuit breaker value mix or location for any panel shown on these pages is no problem! Simply advise us of the breaker arrangement you need. (Panel specific illustrated order forms listing all options are available at www.newmarpower.com.) Please allow 3-5 days additional lead time to complete the modification. *Note: There is a modification fee for special configurations – contact factory.*

