

Electrical Panels – Elite Series



ES-1

ES-1 DC Master Panel

This DC master control panel offers a large DC circuit capacity and full metering.

Features:

- Analog DC volt and ammeter, back illuminated with dimmer.
- 4 battery bank test switch.
- DC master breaker (100 Amp standard; 50 or 75 amp optional)
- 22 branch circuit capacity, 20 installed standard; 3-5A, 5-10A, 6-15A, 6-20A or specify
- Red circuit "on" indicator lights.
- LS-III Label set included.
- Multiple position ground Bus Bar included.
- Size: 10"W x 15"H x 4" D, (25.4 X 38.1 X 10.2 CM), Weight 8 lbs., (3.6 Kg.)

Because of their exact height match and style compatibility, the panels below are ideal companions for expanding circuit capacity of the ES-1 or ES-5, or they may be used as stand-alone load centers.



ES-6

ES-6 DC Load Center

Features:

- Accommodates one meter; analog standard. (DC 0-50A ammeter standard), or specify DC volts
- Master breaker (DC-75 amp standard; 50 or 100 amp optional, single pole)
- 10 branch circuit capacity, 8 installed standard:
1-5A, 2-10A, 4-15A, 1-20A
- Indicator lights on every circuit.
- LS-III set included.
- Multiple position ground Bus Bar included.
- Size: 5 1/4" W x 15" H x 4" D, (13.3 x 38.1 x 10.2 cm)

ES-7 AC or DC Accessory Panel

Features:

- AC or DC master breaker (AC 50 amp* standard, 30 amp optional, double pole or DC 100 amp standard; 50 or 75 amp optional, single pole.)
- 16 branch circuit capacity, 12 installed standard:
ES-7A: 2-10A, 5-15A, 5-20A
ES-7D: 2-5A, 3-10A, 5-15A, 2-20A
- Indicator lights on every circuit.
- LS-III label set included.
- Multiple position ground Bus Bar included.
- Size: 5 1/4" W x 15" H x 4" D, (13.3 x 38.1 x 10.2 cm)
Weight: 7 lbs., (3.2 Kg.)

* Note 50 amp master OK for use on 230 VAC line-to-line systems. For 230 VAC line-to-neutral systems 30 amp is maximum master breaker value.



ES-7

Options

Meters:

Standard installed voltmeters are for 12 VDC or 115 VAC applications. (Ammeter range depends on master breaker value.) Optional voltmeters may be installed for 24 VDC or 230 VAC applications. Contact the factory for a complete list of metering options

Alternate Circuit Breaker

Configurations:

Changing circuit breaker value mix or location is never a 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 mod. fee for special configurations – contact factory.

Installation Cut-Out Dimensions

Model	Inches (H x W)	Centimeters (H x W)
ES-1	9 X 14	22.9 X 35.6
ES-3	13 X 8.8	33 X 22.4
ES-4	16.8 X 10.8	42.7 X 27.4
ES-5	19 X 13	48.3 X 33
ES-6D	4.5 X 13	11.4 X 33
ES-7A & 7D	4 X 13.8	10.2 X 35.1

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AC-DC Master Control

Locating all AC and DC functions on one panel provides a vessel with a central load distribution and monitoring center. Features common to all models include:

- Complete metering of voltage and current on AC and DC systems. Back-lit analog meters are standard.
- AC master breaker(s) with reverse polarity warning light.
- Power "on" indicator lights on all circuits.
- Four battery bank voltage test switch
- Deluxe label set (LS-III) included, 206 functions.
- Multiple position ground bus bar
- Rating 115/230 VAC, 65 VDC

ES-4

Large 3 1/2" scale meters and an ample circuit breaker capacity makes this the panel of choice for boats in the 35'-45' range. Circuit specifications listed at bottom of page. 17" W X 12" H X 4" D, 12 lbs (43.2 X 30.5 X 10.2 cm 5.5 Kg.)



ES-4



Option

For vessels with an onboard generator, the panel may be fitted with a 7.5 kW ship-shore AC source selector switch. Specify **ES-4SS** option when ordering.

Note: There is a modification fee for special configurations - contact factory.

ES-3

This panel combines AC and DC control into one compact panel. See list of specifications at bottom of page. 13.7" W X 10" H X 4" D, 10 lbs (34.8 X 25.4 X 10.2 cm, 4.5Kg.)

ES-3



ES-5

Exceptional yachts require an extraordinary panel which incorporates all the aspects of the vessel's electrical system. The ES-5 is such a panel. In addition to its large DC circuit capacity, the AC section includes two load groups and a source selector switch for two shore power lines and a 15kW generator. Pre-heat and start-stop controls are standard. Additional system capacity can be obtained by incorporating model ES-6 or ES-7 (listed on page 16). 20" W x 15" H x 6" D, 20 Lbs. (50.8 X 38.1 X 15.2 cm, 9.1Kg.)

ES-5



Model	DC Circuits	AC Circuits
ES-3	16 Breaker capacity, 12 installed standard; 2-5A, 3-10A, 4-15A, 3-20A or specify	Master (D.P.) 30 amp standard 50 amp* optional, plus 6 S.P. branch capacity, 5 installed standard; 1-10A, 15A, 2-20A or specify
ES-4	20 Breaker capacity, 16 installed standard; 3-5A, 3-10A, 5-15A, 5-20A or specify	Master (D.P.) 50 amp* standard plus 8S.P. branch capacity, 6 installed standard; 1-10A, 3-15A, 2-20A or specify
ES-4SS	Same as above with 7.5 kW, three position (Shore-Off-Gen) ship shore selector switch installed. <i>Special Order Only.</i>	
ES-5	Master plus 24 breaker capacity, 20 installed standard; 3-5A, 4-10A, 7-15A, 6-20A or specify	Two load groups each consisting of: Master breaker (D.P.) 50 amp* standard plus 10 S.P. branch capacity, 8 installed standard; 2-10A, 3-15A, 3-20A or specify

*Note (For panels used in 230 VAC applications): 50 amp Master OK for use on 230 VAC line-to-line systems. Not for 230 VAC line-to-neutral systems.

