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Elco Motor Yachts

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ATHENS, NY - Elco Motor Yachts is pleased to announce it has teamed up with Hunter Marine Corporation to produce and market the Hunter 27 sail boat with AC electric propulsion. The Hunter 27 with electric propulsion will officially be launched at the United States Sailboat Show in Annapolis, Maryland USA on the evening of October 7th at an event for Hunter Marine Corporation's global dealer network.

Elco Motor Yachts is also pleased to announce it will have a display at the United States Sailboat Show in Annapolis, which will feature its new AC electric propulsion system.

Hunter 27e with Electric Propulsion:

Zero Emission Boating The Hunter 27e with electric propulsion remains entirely the same as the company's very popular standard H-27 however the diesel engine has been substituted with the Elco EP-1000, an electric engine that offers the same amount of thrust as the H-27's normal 14hp diesel engine. The electric engine offers the advantages of being truly "green" in that it does not emit any emissions, noise, vibrations, heat, or fumes as it operates solely on battery power. The batteries offer 6 to 8 hours of power to the engine before they will need to be recharged. The batteries can be charged either traditionally by connecting to shore power or by the use of the "Energy" option that incorporates an arch that holds 3 high efficiency solar panels incorporated into the bimini and a wind power generator. The environmentally friendly electric H-27 affords its captain and crew the same great sailing performance as that of a standard H-27 with the added benefit of being truly a green sailing vessel.

About the Elco EP-1000 Electric Motor:

The new Elco EP-1000 with rated power of 10 shaft HP, continuous, is a totally enclosed 3-phase AC motor provides extreme reliability and efficiency with only one moving part (the rotor) mounted on two permanently sealed deep grooved ball bearings. The motor is splash proof and can sustain submersion for a limited period of time while still operational. The system is smaller and lighter than the gas or diesel engine it can replace and is easily mounted in the same location and manner as the gas or diesel engine would be.

The Elco system's instrument panel includes an energy gauge to provide the boater with information on the amount of charge in the batteries, RPMs of the shaft and in real time hours and minutes of run time remaining for a given throttle setting and a Power Boost button to provide give a power boost to the motor's output up to 50% for demanding situations. This allows the skipper to provide extra power at his or her discretion when needed for safety.

Elco also produces the EP-600 electric propulsion system with rated power of 6 shaft HP, continuous, and the EP-300 electric propulsion system with rated power of 3 shaft HP, continuous. All models are constructed of heavy gauge marine grade aluminum frame and enclosure that contains all of the electronic and mechanical power equipment with the exception of batteries and battery chargers, and are designed to mount in the same location and manner as a standard diesel moto



27 ELECTRIC

STANDARD EQUIPMENT

10 HP ELCO AC ELECTRIC ENGINE
 (6) 12V ZERO MAINTENANCE
 AGM BATTERIES (214 AMP HOURS)

ENERGY PACKAGE OPTION

WIND GENERATOR
 T-TOP W/SOLAR PANELS (3) AND CANVAS

27e



ElectroMaax
 OPTIMUM CHARGING SOLUTIONS

Length Overall	27'4"	8.33 m	Mast Height – Furling	43'8"	13.31 m
Hull Length	27'0"	8.23 m	Sail Area – Standard	386 ft ²	35.86 m ²
Waterline Length	23'7"	7.19 m	Sail Area – Furling	369 ft ²	34.28 m ²
Beam	9'11"	3.02 m	Headroom	6'2"	1.88 m
Draft – Shoal	3'6"	1.07 m	Water Capacity	20 gal	75.7 L
Draft – Deep	5'0"	1.52 m	Holding Tank Capacity – Optional	10 gal	37.9 L
Displacement – Shoal	7,656 lbs	3,476 kg	Water Heater – Optional	5 gal	18.9 L
Ballast – Shoal	2,052 lbs	932 kg	Batteries – Zero Maintenance AGM	6x12V	214 AH
Ballast – Deep	1,901 lbs	863 kg	Inboard Engine – ELCO AC Electric		10 HP
Mast Height – Standard	39'9"	12.12 m	CE Classification		B/4



HUNTER 27e

