

Elco Outboard Motor Purchase Request

- 16' Pontoon boat has a "Torqueedo" brand motor; it carried a 2 year warranty;
- The Torqueedo specific li-ion battery has failed and a replacement is over \$3,000; other li-ion batteries on the market are priced similarly; unit is 3 years old;
- Our supplier of electric motors has historically been Minn-Kota; those motors carry a 1 year warranty;
- Pontoons have used Minn-Kota's e-Drive model which is rated about 5Hp and costs just under \$3000; the downside is that the motor is IN THE WATER; historically, the failures have been water in the motor or the throttle control unit electronics (expensive) have failed; typically life has been 3 years or so;
- Other boats have been powered by other Minn-Kota models; of late, when they fail, we've replaced with other brands at lower cost and similar expected durability;
- This "Elco" purchase request is to replace the Torqueedo completely on the Pontoon boat rather than spend \$3000 on a battery alone to power a 3 year old motor;
- The Elco motor is OUT of the water and the bottom unit (in the water) is supplied by Yamaha which happens to be our preferred outboard supplier;
- We anticipate the Elco to have a longer service life than our current units at a minimally higher initial cost; warranty service is available at a dealer in Orlando.
- This request is to purchase an ELCO EP9.9 Electric outboard as described on the attached page. The total cost including batteries and charger is expected to not exceed \$4600.

Signed:

Steve Berube

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Board Chairman



"There is no better way"

ELECTRIC OUTBOARD

EP-9.9

EP-9.9 ELECTRIC OUTBOARD FEATURES AND BENEFITS

- Reliable and durable construction with minimal maintenance required
- Available in tiller or top- and side-mount throttle control
- All motors available in long- or short shaft models
- Traditional design with standard aluminum casting so replacement parts are readily available
- Water-cooled system that prevents over-heating
- Multiple safety precautions including over-speed protection, overload protection, temperature protection, over-voltage and over-current protection
- Consistent power throughout the speed range
- Brushless PMAC motor that is over 90-percent efficient
- Cruise with peace of mind thanks to our "Get Home Safe" battery alert system
- Motors ranging from 5-HP to 50-HP
- Clean cruising without the hassles and hazards of gasoline
- Low cost of operation when compared to traditional gas motors



TILLER MODEL:

COMPARABLE GAS/PETROL RATING	9.9 h.p.
INPUT POWER (WATTS)	4,704 watts
VOLTAGE	48 vdc
MAXIMUM CURRENT	98 amps DC
MOTOR	Brushless PMAC
STATIC THRUST	135 pounds
COOLING SYSTEM	Water cooled
THROTTLE SYSTEM	Remote control or tiller option
THROTTLE	Side mount or Top mount option, 16' length
THROTTLE CABLE EXTENSION <small>OPTIONAL</small>	6'
LOWER UNIT GEAR RATIO	2.08:1 (27/13)
GEAR OIL CAPACITY	8.5 ounces
TRIM AND/OR TILT	Manual
PROPELLER	3-7 1/2 x 7
WEIGHT	65 lbs
SHORT SHAFT TRANSOM HEIGHT	17.15"
SHORT SHAFT OVERALL (HEIGHT, WIDTH, LENGTH)	41" x 11" x 18.5"
LONG SHAFT TRANSOM HEIGHT	22.15"
LONG SHAFT OVERALL (HEIGHT, WIDTH, LENGTH)	46" x 11" x 18.5"
MSRP	\$2,910



REMOTE MODEL: THROTTLE OPTIONS

Livorsi Side \$450 Top Mount \$650 sold separately

