



# ELECTRIC PROPULSION

motor performance guide



# EP-200

## Elco EP-200

### MOTOR SPECIFICATIONS

Length	17"
Width	16.22"
Height	15.8"
Weight	85 lbs
Motor service life (estimated)	50,000 hrs
Limited Warranty	details provided on the Elco Motor Yacht website and Owners Manual

### ELECTRICAL SYSTEM

Volts	24 vdc
Amp/hrs	220 amp/hrs
Number of batteries	2
Battery weight <small>(95-135 lbs each - Lithium Wet Cell, AGM, Lithium Iron Phosphate)</small>	190-270 lbs (total)
Charger(s)	1x24 volt
Plug-in-play components	3
enGauge IV display panel	yes
enGauge VII full color display panel with video	optional
Water resistant/submersible	yes
Battery service life (Flooded wet cell)**	5 yrs
Battery service life (AGM)**	4-6 yrs
Battery service life (lithium iron phosphate)**	10-15 yrs
Generator (electrical recharge)	yes
Generator (continuous running)	yes

### PERFORMANCE

Boat size (recommended)	5' to 15'
Cruising range/duration @ 3 knots*	10-20 hrs
Cruising range/duration @ 4 knots*	6-12 hrs
Cruising range/duration @ full speed *	3-7 hrs
Recharging time (shore power)	1- 5 hrs typical maximum of 50% depth of discharge
Recharging (solar)	yes
Recharging (wind)	yes
RPM (designed/max)	1,500 rpm
Power boost	1,800 rpm
Horse power diesel equivalency	2 hp
Kilowatts	1 kW
MPG equivalency (estimated)	150 mpg

\*Performance is based on battery power only - Run time can be continuous with Genset

\*\*Actual life based upon battery use and maintenance.

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