



U.S. Patent Number 8,912,698

# ELECTRIC INBOARD

# EP-6

## motor performance Elco EP-6

Boat size ranges	up to 25'
Comparable gas/petrol rating	6 h.p.
Suggested horsepower replacement range	2 - 8 h.p.
Peak kW	4.4 kW
Continuous kW	2.5 kW
Miles per gallon equivalency	80 mpg
Length	17"
Width	16.22"
Height	15.8"
Weight	170 lbs



ELECTRIC

### E-POWER ELECTRIC PERFORMANCE

Cruising speed*	4 - 5.5 knots
Cruising time*	9 - 4 hours
Cruising range*	39 - 21 nm
Recharging time standard charger*	3 - 4 hours
Recharging time quick charger*	2 - 3 hours
Number of 12 volt 8-D batteries (245 Ah)	3 batteries
Battery bank voltage in total	36 vdc
Amps (maximum)	70 amps
Kilowatts (peak output kW rating)	4.4 kW
Kilowatts (continuous output kW rating)	2.5 kW
Charger	Elcon PFC 1500
Quick charger (optional)	Elcon PFC 2000



HYBRID

### E-POWER HYBRID ELECTRIC PERFORMANCE: OPTIONAL GENERATOR

Genset kilowatt size (AC or DC)*	.75 - 2 kW
Typical fuel tank capacity for genset (gallons)	10 gal
Cruising speed*	4 - 5.5 knots
Cruising time*	100 - 60 hours
Cruising range*	430 - 324 nm
Number of 12 volt 8-D batteries (245 Ah)	3 batteries
Battery bank voltage	36 vdc
Charger(s) required	1 charger
Charger	Quick Charge Corp OB3625
Genset (continuous output rating)	Honda EU1000i (1kW)

\*Actual performance may vary based on operating conditions, figures above when traveling between 60-80% of hull speed. \*\*Shore power-50% depth of discharge  
To convert from nautical miles (nm) to statute miles multiply nm by 1.15. With Electric Hybrid system additional kilowatts should be added depending on house loads (1,000 watts equals 1kW)