



# ELECTRIC MOTOR PERFORMANCE CHART

	LOA / Weight / Fuel	Cont. Cruise 60% Hs	Cont. Cruise 80% Hs.	12 VDC Batteries Qty/Total V/Ah ea.	Hybrid genset size	
					60% cruise	80% cruise
<b>EP-600</b> Batteries only Hybrid*	20' / 3,000 lbs / 10 gal					
		4.3 Kts / 9.1 hrs / 39 nm 4.3 Kts / 100 hrs / 430 nm	5.4 Kts / 4 hrs / 21.1 nm 5.4 Kts / 42 hrs / 226 nm	3 / 36 vdc / 200 Ah ea. 3 / 36 vdc / 200 Ah ea.	.75 kW	1.75 kW
<b>EP-1200</b> Batteries only Hybrid*	27' / 7,500 lbs / 15 gal					
		5.0 Kts / 6.6 hrs / 33 nm 5.0 Kts / 81 hrs / 405 nm	6.3 Kts / 3 hrs / 18.9 nm 6.3 Kts / 36 hrs / 226 nm	4 / 48 vdc / 220 Ah ea. 4 / 48 vdc / 220 Ah ea.	1.5 kW	3.0 Kw
<b>EP-2000</b> Batteries only Hybrid*	34' / 13,000 lbs / 30 gal					
		5.6 Kts / 6 hrs / 33.6 nm 5.6 Kts / 98 hrs / 548 nm	7.0 Kts / 2.7 hrs / 18.9 nm 7.0 Kts / 50 hrs / 350 nm	6 / 72 vdc / 220 Ah ea. 6 / 72 vdc / 220 Ah ea.	2.5 Kw	5.0 Kw
<b>EP-4000</b> Batteries only Hybrid*	42' / 20,000 lbs / 50 gal					
		6.3 Kts / 4.7 hrs / 29.6 nm 6.3 Kts / 76 hrs / 478 nm	8.0 Kts / 3 hrs / 24 nm 8.0 Kts / 39 hrs / 312 nm	9 / 108 vdc / 240 Ah ea. 9 / 108 vdc / 240 Ah ea.	5.0 Kw	11.5 Kw
<b>EP-7000</b> Batteries only Hybrid*	50' / 29,500 lbs / 75 gal					
		7.0 Kts / 5.6 hrs / 39.2 nm 7.0 Kts / 70 hrs / 490 nm	8.75 / 2.5 hrs / 21.8 nm 8.75 Kts / 35.5 hrs / 311 nm	18** / 108 vdc / 240 Ah ea. 9 / 108 vdc / 240 Ah ea.	8.0 Kw	18.0 Kw
<b>EP-10000</b> Batteries only Hybrid*	55' / 47,000 lbs / 125 gal					
		7.2 Kts / 5.2 hrs / 37 nm 7.2 Kts / 81 hrs / 583 nm	9.0 Kts / 2.3 hrs / 20.7 nm 9.0 Kts / 41 hrs / 369 nm	24** / 144 vdc / 240 Ah ea. 12 / 144 vdc / 240 Ah ea.	12.0 Kw	25.0 Kw

\* With a generator added the system can have continuous cruise. To convert from nm to statute miles multiply by 1.15.

\*\* Series/parallel connected.