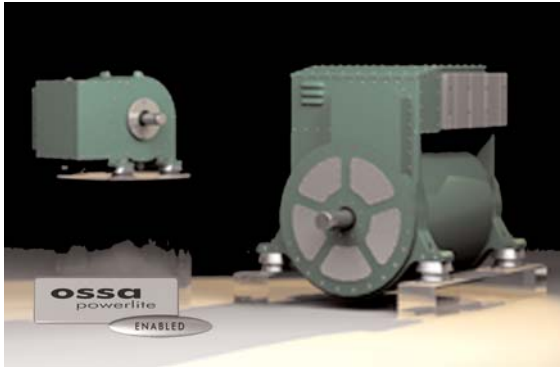


Synchronous Permanent Magnet Motors



Glacier Bay's propulsion motors are the result of over 14 years of advanced permanent magnet motor technology. Ruggedly built and delivering confident performance, these motors have been designed from the ground up to thrive in harsh sea environments.

All Glacier Bay motors feature our unique OSSA[®] Powerlite technology, an intelligent power management platform designed to increase efficiency while enhancing performance. And since Glacier Bay also designs and builds our own motor controllers, you can be sure your motors will function seamlessly under even the most challenging conditions.

Available in a wide range of powers, Glacier Bay motors are the reliable, efficient choice whatever your marine propulsion needs may be.

- . Developed specifically for use in yacht propulsion
- . Reliable and rugged to stand up to harsh marine environments
- . High efficiencies, up to 98.9%, making these motors among the most efficient in the world
- . Electric motors develop rated torque from startup to maximum RPM
- . Electric motors are virtually silent
- . Advanced motor controllers feature space-vector control, which maximizes torque and efficiency while minimizing acoustical noise
- . Do not require a transmission or other gear reduction, leading to lower system weight and higher efficiency
- . 100% encapsulated, hand-wound motor stators
- . Outputs range from 20hp to 800hp, eliminating the need for many motors in high-power vessels
- . Custom torque and rpm motors available for unique applications
- . CAN-bus network compatible, to seamlessly integrate with all other components in the Glacier Bay marine propulsion system

Standard Motor Specifications

(Includes integral torque vector controller.)

Continuous Output Horsepower (KW)	Torque lb-ft (Nm)	Max RPM	Voltage (DC)	Dimensions (H"x W"x L")	Weight lb (kg)
20 (15)	95 (129)	1,100	240	14 x 17 x13	146 (66)
33 (25)	167 (226)	1,100	240	14 x 17 x13	162 (74)
66 (50)	334 (453)	1,100	240	20 x 22 x15	315 (143)
100 (75)	477 (647)	1,100	240	20 x 22 x15	426 (194)
150 (112)	716 (971)	1,100	750	24 x 27 x 30	832 (378)
200 (150)	2,626 (3,560)	400	750	29 x 31 x 41	885 (403)
250 (187)	1,194 (1,619)	1,100	750	24 x 27 x 32	918 (417)
400 (300)	1,910 (2,590)	1,100	750	29 x 31 x 31	1,044 (475)
600 (450)	2,865 (3,884)	1,100	750	29 x 31 x 36	1,491 (678)
800 (600)	3,820 (5,179)	1,100	750	29 x 31 x 41	1,740 (791)

Note: Specifications are subject to change

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