

90 H.O.

Engine Model (Color)	(a) E90HSL White (b) E90HGL Graphite (c) E90HSX White (d) E90HGX Graphite
Engine Type	V4 60° E-TEC D.I.
Bore x Stroke - in (mm)	3.601 x 2.588 (91 x 66)
Displacement - cu in (cc) L	105.4 (1726) 1.7L
Gear Ratio	(a)(b) 2.00:1 (c)(d) 2.25:1
Full Throttle RPM Range	5500-6000 RPM
Weight - lbs (kg)*	(a)(b) 390 (177) (c)(d) 405 (184)
Starting	Electric
Controls	Mechanical
Fuel Induction	E-TEC Direct Injection w/stratified low RPM combustion mode
Alternator Output**	133 Amps Total 50 Net Dedicated
Steering	Remote (Tiller accessory available)
Trim Method	(a)(b) Trac-1 Power Trim and Tilt (c)(d) FasTrak™ Power Trim and Tilt
Trim Range	-4° to 17°
Tilt Range	75°
Shaft Length - in (mm)	(a)(b) 20 (508) (c)(d) 25 (635)
Lubrication	Multi-Point Targeted Oiling
Oil Tank Capacity - gal	Accessory 1.8 & 3 Tank Available
Recommended Oil	Evinrude Johnson XD-100 Oil
Recommended Fuel	87 Octane
Warranty	3-Year, Non-Declining
Emissions Compliance	EPA 2013 CARB 3 STAR European Union



* Dry weight for the lightest model/version of each engine listed in that grouping.
 ** Variable Voltage Computer Controlled 133 Amp. Current amp calculated at 13.5 V. Net dedicated battery charging power output is 50 Amp.