



Evinrude E-TEC Product Guide 2015

EVINRUDE®



INTRODUCING THE ALL-NEW Evinrude® E-TEC® G2™

Evinrude E-TEC G2 Exclusive Technology

1 PurePower Combustion

With the help of computer modeling, we looked inside an operating engine and created the most efficient piston/cylinder design in the industry, giving you better performance while also providing 15% more fuel efficiency.*

2 Starboard-Starboard Engine Design

We've turned the outboard industry on its side. With the new Starboard-Starboard design, you get faster acceleration, better hole shots and more towing power, as well as a more reliable engine.

3 Dual Axis Rigging System

No more clutter in the back of your boat. The Dual Axis Rigging System routes engine cables through just one tube, giving you more useable space at the transom while creating less friction and premature wear.

4 i-Trim System™

Our all-new trim system senses water and trim levels and automatically adjusts to deliver the most precise control on the water.

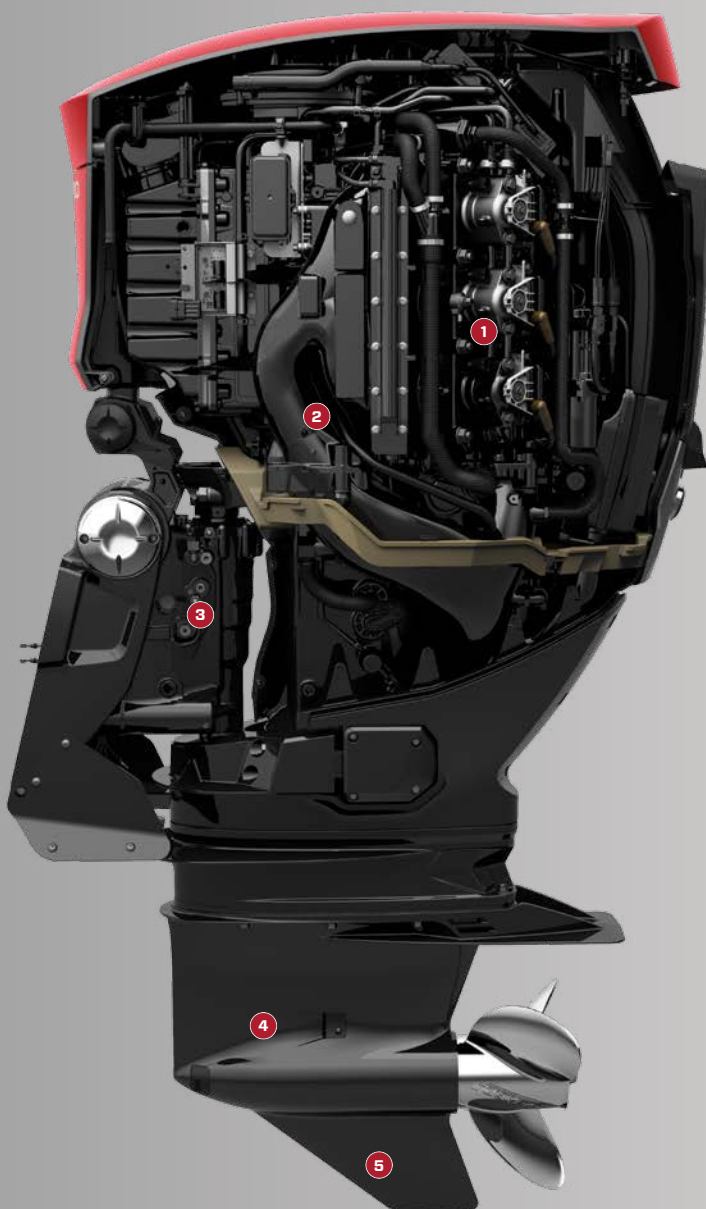
5 SLX Gear Case

The all-new, sleek hydrodynamic SLX gear case reduces steering effort without sacrificing speed.



Design your own Evinrude E-TEC G2

The Evinrude E-TEC G2 is the world's first outboard with customizable side panels, top and front panels and accent colors. Now you have hundreds of different colour combinations to choose from. Create an Evinrude E-TEC G2 to perfectly match your boat or get an exclusive boat package with matching Evinrude E-TEC G2 colours.



Engine Specifications

Evinrude E-TEC G2



HIGH OUTPUT (H.O.)

V6

Horsepower	250 H.O. 225 H.O. 200 H.O.	300 HP 250 HP 225 HP
Engine Type	V6 74° E-TEC D.I.	V6 74° E-TEC D.I.
Bore x Stroke mm (in.)	98 x 76 (3.854 x 3.000)	98 x 76 (3.854 x 3.000)
Displacement cc (cu. in.) L	3441 (210) 3.4 L	3441 (210) 3.4 L
Gear Ratio (shaft length) ¹	1.85:1	1.85:1
Full Throttle RPM Range	5400-6000 RPM	5400-6000 RPM
Weight in kg (lb.) ²	244 (537)	253 (558)
Starting ¹	Electric	Electric
Fuel Induction	E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode
Alternator Output	133 Amps Total 50 net Dedicated 14 Amps @ Idle	133 Amps Total 50 net Dedicated 14 Amps @ Idle
Steering	Integrated Hydraulic	Integrated Hydraulic
Trim Method	Trim & Tilt	Trim & Tilt
Trim Range	-6 to 15	-6 to 15
Tilt Range	81 deg.	81 deg.
Shaft Length mm (in.)	508 (20) 635 (25)	508 (20) 635 (25) 762 (30)
Lubrication	Multipoint Targeted Oiling	Multipoint Targeted Oiling
Oil Tank Capacity L (gal.)	Onboard 7.6 L (2 gal.) - Optional 37.9, 11.4, 6.8 L (10, 3, 1.8 gal.)	Onboard 7.6 L (2 gal.) - Optional 37.9, 11.4, 6.8 L (10, 3, 1.8 gal.)
Recommended Oil	Evinrude Johnson XD-100 Oil	Evinrude Johnson XD-100 Oil
Recommended Fuel	87 Octane	87 Octane
Mounting Centres cm (in.)	Minimum 66 (26)	Minimum 66 (26)
Steering Angle	32 deg. from centre, both directions	32 deg. from centre, both directions
Integrated Features L (gal.)	Hydraulic Steering, Power Steering,** On-Engine 7.6 L (2 gal.) Oil Tank	Hydraulic Steering, Power Steering,** On-Engine 7.6 L (2 gal.) Oil Tank

^{**} On equipped models.

¹ May vary based on engine model number.

² Weight refers to the actual weight (including all fluids) for the lightest model/version of each horsepower listed in that grouping.

EVINRUDE E-TEC H.O. Series

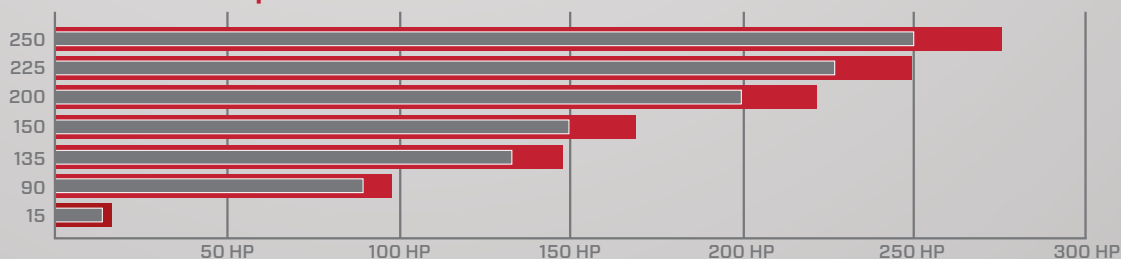


Product Features

- 1 Multi-Point Oiling System**
All Evinrude E-TEC H.O. Series engines feature a multi-point oiling system that dramatically improves lubrication at slow speeds and provides increased engine life. Oil injected at multiple points at the crankcase and cylinder block, optimizing the oil's lubrication properties while efficiently metering the precise amounts to each cylinder.
- 2 Specialized Aluminum Pistons**
Developed by NASA engineers, the piston alloy of all Evinrude E-TEC engines are 2.5 times stronger at operating temperatures than conventional alloys. This means increased durability and longer engine life.
- 3 Low RFI Ignition Wires**
Specifically designed not to interfere with your onboard electronics, so you can catch more fish and see things more clearly.
- 4 Emissions Compliance**
Three stars³ from the toughest emission standard in the world, the California Air Resource Board. The Evinrude E-TEC was the first outboard engine to receive the EPA's Clean Air Technology Excellence Award. No other brand of outboards produces fewer reportable emissions than the Evinrude E-TEC family of engines.
- 5 Nagel Hone**
All Evinrude E-TEC H.O. Series engines feature a highly advanced cylinder honing process based on the Nagel Hone that improves cylinder wall geometry, making the cylinder bore more true to design specification. The resulting hone pattern dramatically improves lubrication as well as piston to cylinder wall interface for improved lubrication, cooler piston temperatures and longer engine life. This advanced honing process is proprietary to BRP and is one of the key contributing factors that allows for the no break-in benefit.
- 6 SS Steering Arm & Pivot Shaft Assembly⁴**
Built from high-grade 304 stainless steel, the steering arm and pivot shaft assembly of the Evinrude E-TEC H.O. won't rust or corrode, resulting in longer engine life and less maintenance.
- 7 High Performance Gearcase**
The nose cone water pickups of the SLE⁵ (Straight Leading Edge) gear case provide maximum water intake in all conditions. This results in a cooler running engine for the ultimate in engine durability and reliability.
- 8 Secondary Water Inlets**
Cooling ability and capacity are increased by the addition of a second set of water inlets in the side of the gear case. This results in cooler operating temperature and longer engine life.

H.O. Models Available in Graphite!

Actual HP Output



³ Excludes 250 H.O. and 115 H.O. models

⁴ SS Steering Arm available on white models only

⁵ SLE Gearcase available on Evinrude E-TEC 200, 225 & 250 H.O. models

EVINRUDE E-TEC Engine Specifications



HIGH OUTPUT (H.O.)

Horsepower	250 H.O.	225 H.O., 200 H.O.	150 H.O.	135 H.O.	115 H.O.	90 H.O.	15 H.O. ^d
Engine Type	V6 90° E-TEC D.I.	V6 90° E-TEC D.I.	V6 60° E-TEC D.I.	V6 60° E-TEC D.I.	V4 60° E-TEC D.I.	V6 60° E-TEC D.I.	Inline 2-cyl. E-TEC D.I.
Bore X Stroke mm (in.)	98 x 76 (3.854 x 3.000)	98 x 73 (3.854 x 2.858)	91 x 66 (3.601 x 2.588)	91 x 66 (3.601 x 2.588)	91 x 66 (3.601 x 2.588)	91 x 66 (3.601 x 2.588)	76 x 64 (3.000 x 2.5)
Displacement cc (cu. in.) L	3441 (210) 3.4 L	3279 (200.1) 3.3 L	2592 (158.2) 2.6 L	2592 (158.2) 2.6 L	1726 (105.4) 1.7 L	1726 (105.4) 1.7 L	577 (35.2) Inline ^b
Gear Ratio (shaft length) ^a	1.85:1	1.85:1	1.86:1	1.86:1 (508 mm / 20 in.) 1.85:1 (635 mm / 25 in.)	2.00:1 (508 mm / 20 in.) 2.25:1 (635 mm / 25 in.)	2.00:1 (508 mm / 20 in.) 2.25:1 (635 mm / 25 in.)	2.15:1
Full Throttle RPM Range	5000-6000 RPM	4500-5800 RPM	4850-5850 RPM	5300-6000 RPM	5500-6000 RPM	5500-6000 RPM	5000-5500 RPM
Weight in kg (lb.) (hp) ^b	233 (514)	231 (510)	190 (418)	190 (418) 196 (433)	177 (390) (508 mm / 20 in.) 184 (405) (635 mm / 25 in.)	177 (390) (508 mm / 20 in.) 184 (405) (635 mm / 25 in.)	80 (177)
Starting ^a	Electric	Electric	Electric	Electric	Electric	Electric	Electric and Rope ^c
Controls	Mechanical / ICON EST Digital (Acc'y)	Mech. / ICON EST Digital (Acc'y) Mech. or ICON EST Digital (200 H.O. 635 mm / 25 in.)	Mechanical / ICON EST Digital (Acc'y)	Mech. / ICON EST Digital (Acc'y) Mech. or ICON EST Digital	Mechanical	Mechanical	Mechanical
Fuel Induction	E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode
Alternator Output ^c	133 Amps Total / 50 Net Dedicated ^e	133 Amps Total / 50 Net Dedicated ^e	133 Amps Total / 50 Net Dedicated ^e	133 Amps Total / 50 Net Dedicated ^e	133 Amps Total / 50 Net Dedicated ^e	133 Amps Total / 50 Net Dedicated ^e	56 Amps Total / 15 Net Dedicated ^e
Steering ^a	Remote	Remote	Remote	Remote	Remote	Remote (Tiller Acc'y)	Remote or Tiller
Trim Method ^a	FasTrak™ Power Trim and Tilt	FasTrak Power Trim and Tilt	FasTrak Power Trim and Tilt	FasTrak Power Trim and Tilt	FasTrak Power Trim and Tilt FasTrak Power Trim and Tilt (508 mm / 20 in.) Trac-1 Power Trim and Tilt (635 mm / 25 in.)	FasTrak Power Trim and Tilt (635 mm / 25 in.) Trac-1 Power Trim and Tilt (508 mm / 20 in.)	High Speed Power Tilt
Shaft Length mm (in.) Colour (hp) ^a	508 (20) White Graphite 635 (25) Graphite	508 (20) White Graphite 635 (25) Graphite	508 (20) White Graphite 635 (25) Graphite	508 (20) White Graphite 635 (25) White Graphite	508 (20) White Graphite 635 (25) White Graphite	508 (20) White Graphite 635 (25) White Graphite	508 (20) White Graphite 635 (25) White

^a May vary based on engine model number.

^b Weight refers to the actual weight (including all fluids) for the lightest model/version of each hp listed in that grouping.

^c Rope-start-only models require optional charging accessory kit.

^d Variable Voltage Computer Controlled 133 Amp. Current Amp calculated at 13.5 V. Net dedicated battery charging power output is 50 Amp.

^e Variable Voltage Computer Controlled 81 Amp. Current Amp calculated at 13.5 V. Net dedicated battery charging power output is 25 Amp.

^f 56 Amp. Current Amp calculated at 13.5 V. Net dedicated battery charging power output is 15 Amp.

^g Models include propeller and fuel tank.

Note: Counter Rotation Gearcase with Power Trim & Tilt available on 300-, 250-, 225-, 200-, 175-, 150-, 130- and 115-hp engines.



V6

V4

INLINE 3-CYL.

INLINE 2-CYL.

300	250, 225	200, 175, 150	130, 115	90, 75	60, 50, 40	30, 25
V6 90° E-TEC D.I.	V6 90° E-TEC D.I.	V6 60° E-TEC D.I.	V4 60° E-TEC D.I.	Inline 3-cyl. E-TEC D.I.	Inline 2-cyl. E-TEC D.I.	Inline 2-cyl. E-TEC D.I.
98 x 76 (3.854 x 3.000)	98 x 73 (3.854 x 2.858)	91 x 66 (3.601 x 2.588)	91 x 66 (3.601 x 2.588)	91 x 66 (3.601 x 2.588)	91 x 66 (3.601 x 2.588)	76 x 64 (3.000 x 2.5)
3441 (210) 3.4 L	3279 (200.1) 3.3 L	2589 (158.2) 2.6 L	1726 (105.4) 1.7 L	1295 (79.1) Inline ^a	863 (52.7) Inline ^a	577 (35.2) Inline ^a
1.85:1	1.85:1	1.86:1 (508 mm / 20 in.) 1.85:1 (635 mm / 25 in.)	2.00:1 2.25:1	2.00:1 (508 mm / 20 in.) 2.25:1 (635 mm / 25 in.)	2.67:1	2.15:1
5000-6000 RPM	4500-5800 RPM	4850-5850 RPM	5500-6000 RPM	4500-5500 RPM	5500-6000 RPM	5500-6100 RPM
233 (514)	235 (518)	190 (418)	177 (390)	145 (320)	109 (240) (50, 40) 113 (250) (60)	66 (146)
Electric	Electric	Electric	Electric	Electric	Electric or Rope (40 only)	Electric or Rope ^a
Mech. / ICON EST Digital (Acc'y) Mech. or ICON EST Digital	Mech. / ICON EST Digital (Acc'y) Mech. or ICON EST Digital	Mech. / ICON EST Digital (Acc'y) Mech. or ICON EST Digital (150 / 200)	Mechanical	Mechanical	Mechanical	Mechanical
E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode	E-TEC Direct Injection with stratified low RPM combustion mode
133 Amps Total / 50 Net Dedicated ^a	133 Amps Total / 50 Net Dedicated ^a	133 Amps Total / 50 Net Dedicated ^a	133 Amps Total / 50 Net Dedicated ^a	81 Amps Total / 25 Net Dedicated ^d	81 Amps Total / 25 Net Dedicated ^d	56 Amps Total / 15 Amps Net Dedicated ^a
Remote	Remote	Remote	Remote (Tiller Acc'y)	Remote (Tiller Acc'y)	Remote or Tiller (Tiller Acc'y)	Remote or Tiller
FasTrak Power Trim and Tilt	FasTrak Power Trim and Tilt	FasTrak Power Trim and Tilt	FasTrak Power Trim and Tilt	FasTrak Power Trim and Tilt	Power Trim and Tilt or Manual Tilt (40 only)	Power Trim and Tilt or Manual Tilt
508 (20) White 635 (25) White Graphite 762 (30) White	635 (25) White 762 (30) White (250 only)	508 (20) White Graphite 635 (25) White Graphite	508 (20) White Graphite 635 (25) White	508 (20) White Graphite 635 (25) White Graphite (90 only)	508 (20) White Graphite	381 (15) White Graphite 508 (20) White Graphite



THE WORLD IS OUR PLAYGROUND

Nothing is more valuable than your playtime. That is why BRP is dedicated to continually finding new and better ways to help you enjoy your favourite powersports. From snow to water to both on- and off-road fun, our passion for adventure fuels the innovations that result in the ultimate powersports experience for our customers. We value



the land and water we play on and are committed to protecting it. Our desire to thrill is paired with an emphasis on rider responsibility, placing personal safety above all else. So that each outing can be the most enjoyable, memorable and thrilling experience possible. Because your free time should always be your best time.

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