

2027

BACKCOUNTRY™ ADRENALINE®

Loaded with crossover-specific features for spending equal time riding on- or off-trail.



BACKCOUNTRY ADRENALINE 146
600RR E-TEC SHOWN

// WHAT'S NEW

- Rotax® 600RR E-TEC® engine with smart ECO mode and Silent-Stop function
- Improved performance trail seat shape and ergonomics

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® and 600RR E-TEC® engines available
- 2 options of ski stance: 39 in. for a true 50/50 on- and off-trail experience with the RAS™ X front suspension and 43 in. for a trail-oriented ride with the RAS™ RX front suspension
- Pilot™ DS 2 skis (39 in. ski stance) and Pilot™ RX skis (43 in. ski stance)

- 2 choices of tracks: 2 in. PowderMax¹ track for 39 in., 1.5 in. Storm 150 track for 43 in. ski stance
- High-quality KYB 36 shock package
- 4.5 in. digital display
- Electric starter
- Deep snow running boards with large openings
- Glove box with 1 US gal / 4 L of storage
- Low windshield with air deflectors
- pDrive™ clutch with clickers
- Transparent handguards
- Open toehold
- Belt-monitoring system (850 E-TEC® only)
- cMotion™ X rear suspension
- High-performance LED headlights
- Ice scratchers

ROTX ENGINE

	850 E-TEC	600RR E-TEC
Engine details	Liquid-cooled, two-stroke, eRAVE™	Liquid-cooled, two-stroke, eRAVE™
Horsepower*	165	130
Cylinders – Displacement	2 - 849 cc	2 - 599.4 cc
Bore – Stroke (mm)	82 x 80.4	72.3 x 73
Fuel system	E-TEC® direct injection with additional booster injectors	E-TEC® direct injection with additional booster injectors
Fuel type – Octane	Premium unleaded - 91	Premium unleaded - 91
Fuel tank (L/US gal)	36 / 9.5	36 / 9.5
Oil tank capacity (L/qt)	3.4 / 3.6	3.4 / 3.6

POWERTRAIN

Drive clutch	pDrive™ with clickers / QRS Vent	pDrive™ with clickers / QRS Vent
Driven clutch	Plus	

Drive sprocket pitch (mm/in.)	73 / 2.86	73 / 2.86
-------------------------------	-----------	-----------

DRY WEIGHT

Dry weight (lb)	475	466
-----------------	-----	-----

DIMENSIONS

Vehicle overall length (mm/in.)	3,174 / 125	
Vehicle overall width (mm/in.)	1,160 / 45.7 (adjustable, 39 in.)	
	1,211 / 47.8 (adjustable, 43 in.)	
Vehicle overall height (mm/in.)	1,283 / 50.5	
Ski stance (mm/in.)	1,000 / 39 (adjustable)	
	1,090 / 43 (adjustable)	
Available tracks (in.) (Length x width x profile)	39 in. ski stance: PowderMax ¹ : 146 x 16 x 2.0	43 in. ski stance: Storm 150: 146 x 15 x 1.5

COLOUR

Arctic Desert	
Black	

SUSPENSION

Front suspension	RAS™ X (39 in.) RAS™ RX (43 in.)
Front shock	KYB 36
Front suspension travel (mm/in.)	220 / 8.7 (39 in.) 264 / 10.4 (43 in.)
Rear suspension	cMotion X
Center shock	KYB 36
Rear shock	KYB 36
Rear suspension travel (mm/in.)	264 / 10.4

FEATURES

Platform	REV® Gen5
Headlights	High-performance LED
Skis	Pilot DS 2 (39 in.) Pilot RX (43 in.)
Seating	Trail narrow – performance
Handlebar	With J-hooks / Transparent handguards
Riser block height (mm/in.)	120 / 4.7
Starter	Electric Starter
Reverse	RER™
Brake system	Brembo
Heated throttle lever/grips	Standard
Gauge type	4.5 in. digital display
Windshield	Low
Runner (in.) – Carbide (in.)	3/8 square – 4
Bumpers (front/rear)	Standard/Standard

2027 BACKCOUNTRY ADRENALINE

// FEATURE HIGHLIGHTS



1 Rotax 600RR E-TEC engine

Built with racing performance in mind, the 600RR E-TEC powerhouse delivers a sharp 20% more throttle response, instantaneous power delivery with 5 additional HP for a total of 130 HP and an air-fuel ratio precisely optimized for peak efficiency.



2 Rotax 850 E-TEC engine

Incredible power and unmatched dynamic response with exclusive E-TEC direct-injection technology. Plasma-coated, mono-block cylinders are used for exceptional durability, while the precision of E-TEC injection means you get excellent fuel and oil economy.



3 Trail performance seat

Engineered for trail riding, the new seat features an upright design for better posture, reduced forward tilt for enhanced stability, and optimized firmness for solid support. A slightly wider profile adds comfort without sacrificing performance.



BACKCOUNTRY ADRENALINE 146 600RR E-TEC SHOWN



4 cMotion™ X rear suspension

Completely new lighter design is better balanced for performance on- and off-trail. Perfectly balanced weight transfer for an increased fun factor and more travel for more comfort and bump absorption.



5 RAS™ RX front suspension with wider 43 in. ski stance

The Backcountry™ Adrenaline® equipped with the 43-inch-wide ski stance combined with RAS™ RX front suspension improves its on-trail cornering stability while maintaining traction and flotation in deeper snow.



6 Pilot™ RX skis for 43 in. ski stance

The aggressive design of the Pilot™ RX ski offers better grip, enhanced cornering and unparalleled control in all snow conditions.

ski-doo®

©2026 Bombardier Recreational Products Inc., (BRP). All rights reserved. TM, ® and the BRP logo are trademarks of BRP or its affiliates. Products are distributed in the USA by BRP US Inc. All other trademarks are the property of their respective owners. Printed in Canada.

