

2019 EXPEDITION® SPORT

PACKAGE HIGHLIGHTS

- Rotax® 550 Fan and 600 ACE™ engine with 420W magneto
- REV-XP™ (550 Fan) / REV-XS™ (600 ACE™) platform
- SC™-5U articulating rear suspension
- Locking mechanism on one side (no tool required) for articulated suspension
- 16 x 154 x 1.5 in. Charger track
- Adjustable ski stance
- Brembo brake with braided stainless-steel brake line
- RER™ electronic reverse (550 Fan) / Mechanical reverse (600 ACE™)
- Heated driver's visor power outlet
- Rack & Hitch
- 2-up seat with backrest
- D.E.S.S.™ key

EXTRA HIGHLIGHTS

- 600 ACE™**
- Extended heat exchanger for better cooling capacity
 - iTC™ Engine mapping modes (Standard, Sport or ECO®)
 - Reversible throttle lever (thumb or finger activated)
 - Air radiator with fan & engine oil cooler

EXPEDITION®
SPORT 550
Fan shown



EXPEDITION®
SPORT 600
ACE™ shown

ROTAX® ENGINE

	550 FAN	600 ACE™
Engine details	Axial fan-cooled, cylinder reed porting	Liquid-cooled, four-stroke D.O.H.C., dry sump
Cylinders	2	2
Displacement	553.4 cc / 33.8 in. ³	600 cc / 36.6 in. ³
Bore	76 mm / 3 in.	74 mm / 2.9 in.
Stroke	61 mm / 2.4 in.	69.7 mm / 2.7 in.
Maximum engine speed	6,800 RPM	7,250 RPM
Carburation	2X VM-30	EFI
Recommended fuel type	Regular unleaded	Regular unleaded
Minimum octane	87	87
Fuel tank	40 L / 10.6 US gal	40 L / 10.6 US gal
Oil tank capacity	3.7 L / 3.9 qt	2.1 L / 2.2 qt

POWERTRAIN

	550 FAN	600 ACE™
Drive clutch type	eDrive™ 2	eDrive™ 2
Driven clutch type	QRS (short shaft)	QRS (short shaft)
Engagement	2,600 RPM	2,200 RPM
Small sprocket number of teeth	19	21
Large sprocket number of teeth	45	51
Drive sprocket number of teeth	8	8
Drive sprocket diameter	183 mm / 7.2 in.	183 mm / 7.2 in.
Brake system	Brembo brake with stainless-steel braided brake line	Brembo brake with stainless-steel braided brake line

DRY WEIGHT

234 kg / 515 lb 244 kg / 537 lb

FEATURES

Frame	REV-XP™ (550 Fan) / REV-XS™ (600 ACE™)	Starter	Electric	Mirrors	Optional
Skis	Pilot™ DS 2	Reverse	RER™ (550 Fan) Mechanical (600 ACE™)	Windshield	445 mm / 17.5 in. (REV-XP™) 460 mm / 18 in. (REV-XS™)
Seating	2-up	Heated throttle lever	Standard	Runner	Square 3/8
Handlebar	Straight aluminum with J-hooks	Heated grips	Standard (driver only)	Carbide configuration	102 mm / 4 in. at 90°
Riser block height	160 mm / 6.3 in.	Gauge	Analog with display	Hitch	Tongue Type

COLOR

White (600 ACE)
White / Black (550 Fan)

DIMENSIONS

Vehicle overall length	3,247 mm / 127.8 in.
Vehicle overall width	1,140 to 1,180 mm / 44.9 to 46.5 in.
Vehicle overall height	1,275 mm / 50.2 in.
Ski stance	975 or 1,020 mm / 38.4 or 40.2 in.
Ski overall length	1,049 mm / 41.3 in.
Track nominal width	406 mm / 16 in.
Track nominal length	3,923 mm / 154 in.
Track profile height	38.1 mm / 1.5 in. Charger

SUSPENSION

Front suspension	Dual A-arms
Front shock	Motion Control
Front suspension max. travel	210 mm / 8.3 in.
Rear suspension	SC™-5U
Center shock	Motion Control
Rear shock	HPG™
Rear suspension max. travel	239 mm / 9.4 in.

TWO-STROKE ENGINE



EXPEDITION® SPORT 550 Fan shown



EXPEDITION® SPORT 550 Fan shown

EXPEDITION® SPORT

FOUR-STROKE ENGINE



EXPEDITION® SPORT 600 ACE™ shown



EXPEDITION® SPORT 600 ACE™ shown

FEATURE HIGHLIGHTS



Finger throttle position (600 ACE™)

Throttle block can be rotated to be used as either a traditional thumb throttle or unique finger throttle.



SC™-5U articulating rear suspension

Features settings that maximize deep snow traction in reverse or lock out for towing.



Lightweight aluminum rack

50 pound (23 kg) cargo capacity.



2-up seat with passenger handholds

Comfortable 2-up seat with backrest, including handholds.



Analog gauge with display

GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Optional (600 ACE™), N/A (550 Fan)

ski-doo

