



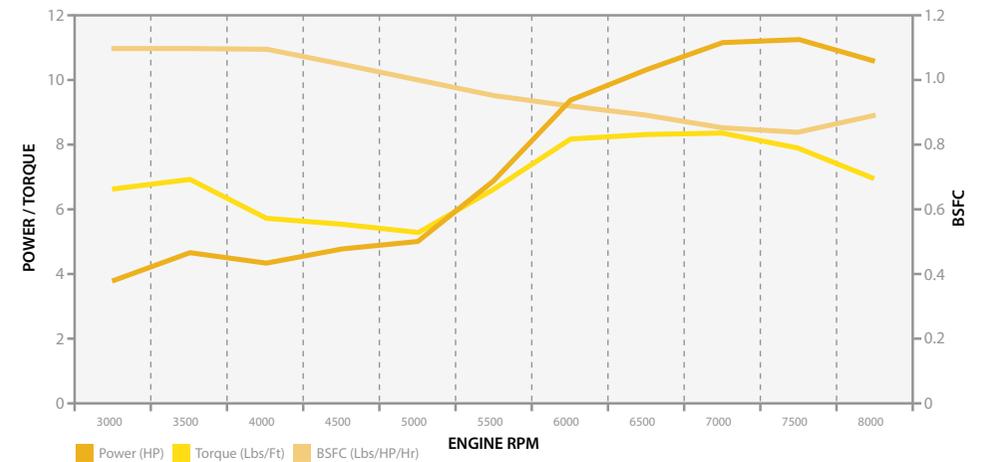
XT100

The XT100 propulsion system from Rotron is purpose-built for ultra-low-profile installations. This liquid-cooled, single-cylinder two-stroke engine features a fully integrated starter, ignition, battery and exhaust for plug-and-play simplicity.

TECHNOLOGY

The XT100's advanced two-stroke architecture delivers exceptional power density and rapid throttle response. Its liquid-cooled design maintains optimal thermal stability, while precision porting and integrated electronics ensure smooth, linear power delivery, outstanding efficiency, and a class-leading power-to-weight ratio for demanding aerospace applications.

PERFORMANCE DATA



KEY FEATURES

High-power VTOL & rotorcraft engine

⚡ Max Peak Power	🔄 Max Peak RPM	🕒 Max Continuous	📦 Engine Weight
11HP @ 7000RPM	7000RPM	9.4HP @ 6000RPM	5KG (11 LBS)
🏠 Engine Type	📏 Displacement	⚡ Fuel Type	🕒 Max Torque
Proprietary single cylinder 2-stroke	90CC	Unleaded 95 Octane <small>Full synthetic 2-stroke oil - 50:1</small>	8.4 lbs/ft @ 7000RPM

TECHNICAL SPECIFICATIONS

Engine Type	Proprietary single cylinder 2-stroke
Fuel Type	Unleaded 95 octane/Full synthetic 2-stroke oil - 50:1
Battery	11.2v Lithium-ion pack
Max. Power	11HP @ 7000RPM
Max. Continuous	9.4HP @ 6000RPM
Max. Torque	8.4 lbs/ft @ 7000RPM
Power-to-weight	2.2 HP/KG
Dimensions	335mm x 156mm x 123mm
Core Weight	5 KG / 11 LBS
Displacement	90cc
Cylinder Head	CNC machined billet
Crankshaft	EN24 crank webs with stainless steel seal collars
Bore / Stroke	50mm (2in) / 50mm (2in)
Cooling	Open loop liquid cooled
Ignition	Rotron ICU CDI unit, total loss multi-spark discharge system
Inlet System	Crankcase ported with carbon reed valve block
Starter	12v DC motor with integrated sprag bearing lubrication
Exhaust	Aluminium liquid cooled race-tuned muffler unit

