



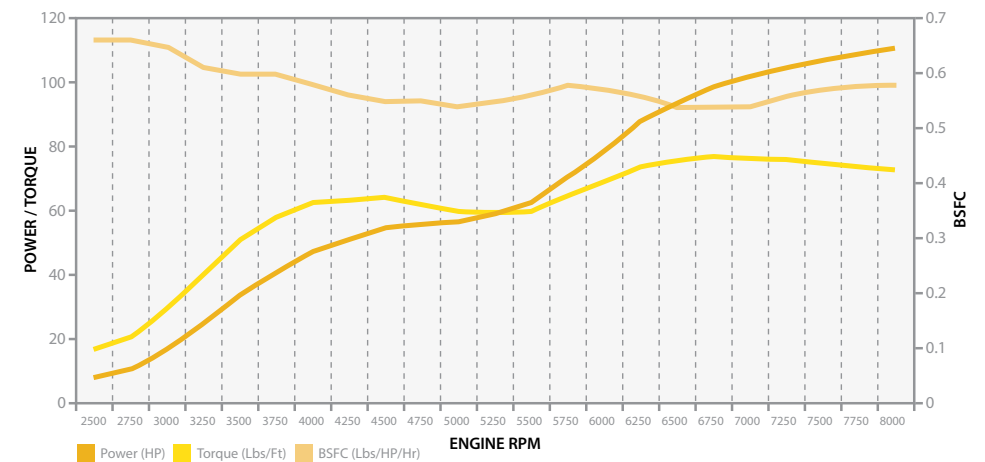
# RT600-XE

The RT600-XE twin-rotor rotary engine delivers exceptional power density in a compact, lightweight package. Liquid-cooled and fuel-injected, it provides reliable high performance for demanding aerospace and UAV platforms.

## TECHNOLOGY

The RT600-XE's advanced twin-rotor Wankel architecture minimises reciprocating mass and vibration, delivering smooth, linear power. Its liquid-cooling system maintains thermal stability under sustained load, resulting in exceptional power-to-weight performance, long service life and mission-ready endurance.

## PERFORMANCE DATA



## KEY FEATURES

### High-power VTOL & rotorcraft engine

⚡ Max Peak Power	🔄 Max Peak RPM	🕒 Max Continuous	📦 Engine Weight
100HP	7500RPM	70HP	44.5KG (98.1 LBS)
🏠 Engine Type	📏 Displacement	⚡ Fuel Type	⚡ Fuel Consumption
Twin Rotor ROTARY ENGINE	600CC	Unleaded 95 Octane	0.56 LBS PER HP / PER HOUR

## | TECHNICAL SPECIFICATIONS

<b>Engine Type</b>	Twin [2] Rotor, Rotary
<b>Displacement</b>	600cc
<b>Application</b>	Aviation High Output
<b>Max. Peak</b>	100HP
<b>Max. Peak RPM</b>	7500RPM
<b>Max. Continuous</b>	70HP
<b>TBO</b>	1000hrs (subject to flight profile)
<b>System Weight</b>	44.5 KG / 98.1 LBS
<b>Drive Type</b>	Flange, Direct or Reduction (2.5:1 or 2.2:1)
<b>Drive Rotation</b>	Counter-Clockwise
<b>Fuel System</b>	Fuel Injection
<b>Fuel Type</b>	Unleaded 95 Octane or higher
<b>Fuel Consumption</b>	0.56 LBS / Per HP / Per Hour
<b>Cooling</b>	Liquid Cooling
<b>Starting Device</b>	Electric Onboard
<b>Ignition System</b>	Programmable fuel injection with CAN bus
<b>Generator</b>	300W 12V+ Options 2 or 3 KW at 28V

