

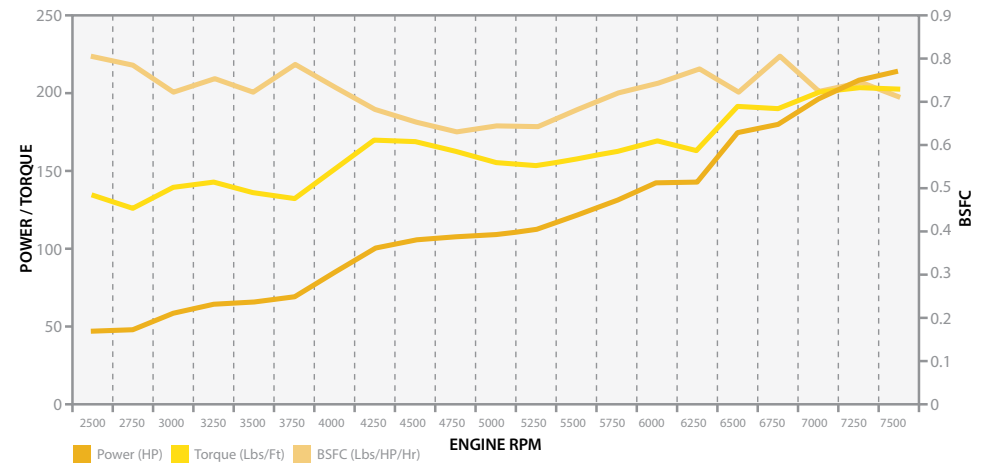
# RT1200

The RT1200 quad-rotor rotary engine offers exceptional power density in a compact 1.2 L displacement package. Designed for high performance, it delivers rich torque, liquid cooling and streamlined integration for advanced aerospace and UAS platforms.

## TECHNOLOGY

The RT1200's quad-rotor Wankel architecture minimises reciprocating mass and vibration while producing an expansive power curve. Combined with liquid cooling, electronic fuel injection and refined rotor dynamics, it delivers class-leading power-to-weight, smooth performance and extended operational durability for endurance and high-payload use-cases.

## PERFORMANCE DATA



## KEY FEATURES

### High-power VTOL & rotorcraft engine

⚡ Max Peak Power	🔄 Max Peak RPM	⌚ Max Continuous	📦 Engine Weight
200HP	7500RPM	150HP	54KG
🏠 Engine Type	📏 Displacement	⚡ Fuel Type	⚡ Fuel Consumption
Quad Rotor ROTARY ENGINE	1200CC	Unleaded 95 Octane AVGAS 100LL	0.56 LBS PER HP / PER HOUR

## | TECHNICAL SPECIFICATIONS

<b>Engine Type</b>	Quad [4] Rotor, Rotary
<b>Displacement</b>	1200cc
<b>Application</b>	Prototype
<b>Max. Peak</b>	200HP
<b>Max. Peak RPM</b>	7500RPM
<b>Max. Continuous</b>	150HP
<b>TBO</b>	1000Hrs
<b>System Weight</b>	54 KG / 119 LBS
<b>Drive Type</b>	Direct Drive
<b>Drive Rotation</b>	Counter-Clockwise
<b>Fuel System</b>	Fuel Injection
<b>Fuel Type</b>	Unleaded 95 Octane / Avgas 100LL
<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>	700W 12V

