

Wankel Rotary Engine **650S 120BHP**

Key Benefits

- Clean
- Multi-fuel
- Compactness
- Low vibration
- Long endurance
- Few moving parts
- High power-to-weight
- Low total cost of ownership
- Revolutionary cooling system



19.6 in
(498 mm)



Cooling System
Liquid-Cooled
Patented SPARCS*



Engine Power Output
120 bhp (90 kW)



Time Between Overhaul
500+ hrs



Engine Core Weight
77.16 lb (35 kg)



Fuel Type
AVGAS / Gasoline
Heavy Fuels

Applications



- Unmanned Ground Vehicles
- Niche Vehicles & Motorsports



- Medium/Large UAVs
- Light Aviation



- Unmanned Maritime Systems
- High-Performance Watercraft

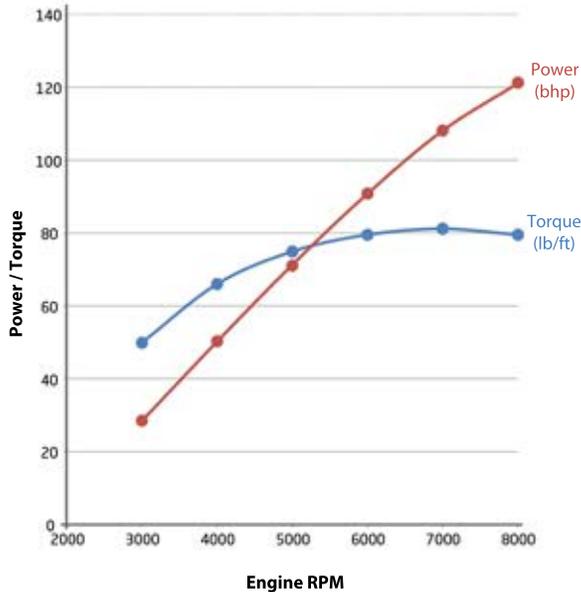


Specification

Wankel Rotary Engine

650S 120BHP

Power / Torque vs. RPM @ WOT for 650S



Engine Type	Single Rotor
Power Output	120 bhp (90 kW)
Weight	77.16 lb (35 kg) Core Weight
Displacement	40 cu in (650cc)
Torque	80 lb/ft @ 8000 rpm
Compression	9.6:1
Fuel Type	AVGAS / Gasoline / Heavy Fuels
Cooling System	Liquid-Cooled Patented SPARCS*
Ignition System	Multiple Spark Plug
Engine Control System	Full Electronic Engine Management
Oil System	Digitally Optimised Lubrication
Configuration	Pusher / Tractor
Options	Generator / Reduction Drive

*Self-Pressurising-Air Rotor Cooling System

