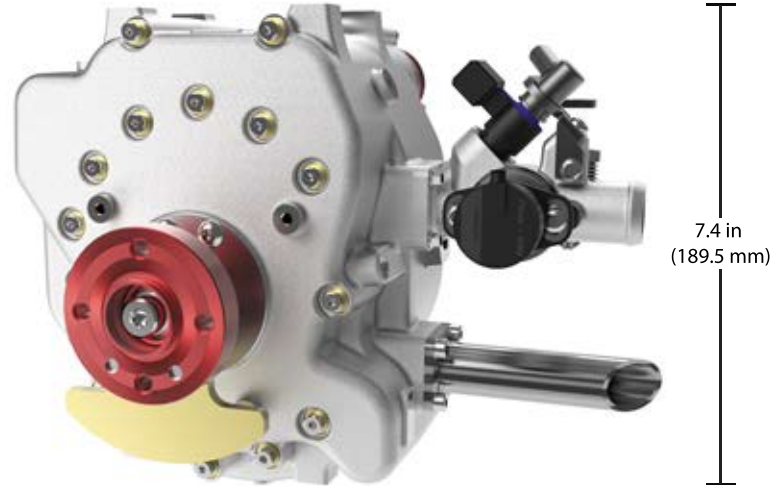


# Wankel Rotary Engine 80S 15BHP

## 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



### Fuel Consumption

0.51 - 0.57 lb/hp/hr  
(310 - 350 g/kWh)



### Cooling System

Liquid-Cooled  
Patented SPARCS\*



### Engine Power Output

15bhp (11.2 kW)



### Time Between Overhaul

500+ hrs



### Engine Core Weight

11 lb (5 kg)



### Fuel Type

AVGAS / Gasoline  
Heavy Fuels

## Applications



- Small Vehicles & UGVs
- Range Extenders



- Small-Medium UAVs
- Auxiliary Power Units



- Unmanned Surface Vehicles
- Hybrid Watercraft



# Specification

## Wankel Rotary Engine

### 80S 15BHP

Engine Type	Single Rotor
Power Output	15 bhp (11.2 kW)
Weight	11 lb (5kg) Core Weight
Displacement	4.9 cu in (80cc)
Compression	9.6:1
Fuel Type	AVGAS / Gasoline / Heavy Fuels
Fuel Consumption	0.51 - 0.57 lb/hp/hr (310 - 350 g/kWh)
Cooling System	Liquid-Cooled Patented SPARCS*
Ignition System	Twin Spark Plug / CDI
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

