

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

Wankel Rotary Engine **225ACS 40BHP**



12.8 in
(326 mm)



Fuel Consumption

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



Cooling System

Air-Cooled
Patented SPARCS*



Engine Power Output

40 bhp (30 kW)



Time Between Overhaul

500+ hrs



Engine Core Weight

25 lb (11.3 kg)



Fuel Type

AVGAS / Gasoline
Heavy Fuels

Applications



- Engines for Scooters
- Range Extenders for Vehicles



- Small Tactical UAVs
- Portable Power Units



- Electrical APUs
- Range Extenders for Vessels

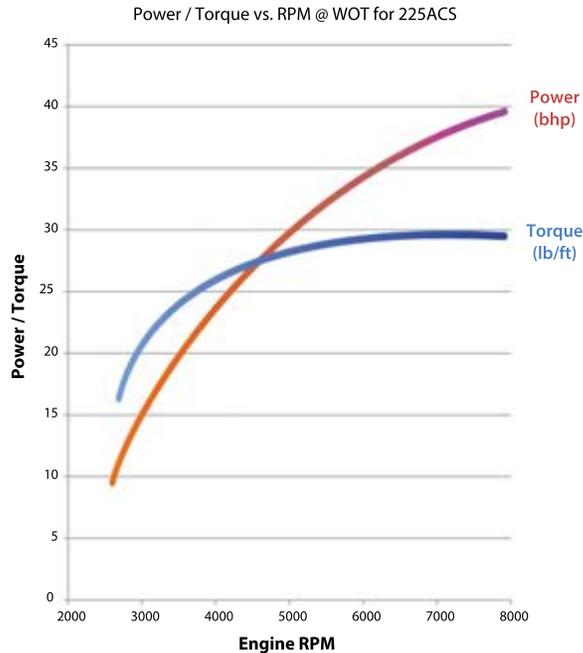


**Advanced
Innovative
Engineering**

Specification

Wankel Rotary Engine

225ACS 40BHP



Engine Type	Single Rotor
Power Output	40 bhp (30 kW)
Weight	25 lb (11.3 kg) Core Weight
Displacement	13.7 cu in (225cc)
Torque	27 lb/ft @ 8000 rpm
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	Air-Cooled Patented SPARCS*
Ignition System	Twin Spark Plug/ DI.
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

