

## B60i Engine

The B60i is the latest offering in Power4Flight's line of 2-stroke fuel injected engines. The B60i is based on the Desert Aircraft DA-60 core. This engine offers reliable, repeatable performance, high power density, and low fuel burn. The B60i is compatible with a variety of motor/generators and mufflers and can be readily configured to meet your system requirements.



B60i Engine

## Specifications

60cc, fuel-injected, 2-stroke single

High Power Density

Low BSFC

Smooth and reliable 2000 RPM idle

Mature UAV EFI system with over 50,000 mission hours

- Precise mixture control at all altitudes and in any weather
- Greatly improved cruise BSFC
- Virtually eliminates exhaust port carbon buildup
- Significantly expanded throttle-RPM operating envelope vs. carburetor

**Power:** 3.8 kW (5 hp)<sup>1</sup>

**Weight:** 1.75 kg (3.9 lbs) Includes ECU, fuel pump, ignition, harness, sensors and induction  
2.55 kg (5.62 lbs) Includes above components plus Sullivan generator and exhaust

**Displacement:** 60cc (3.7 cu. In.)

**Speed Range:** 2100-8000 RPM

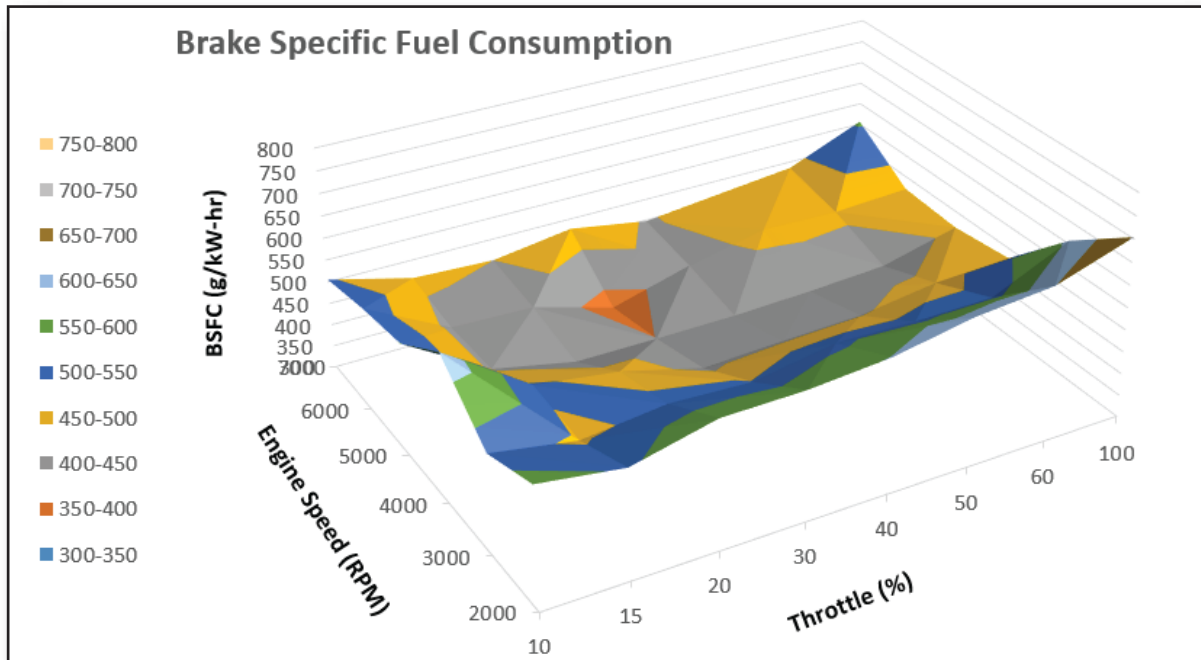
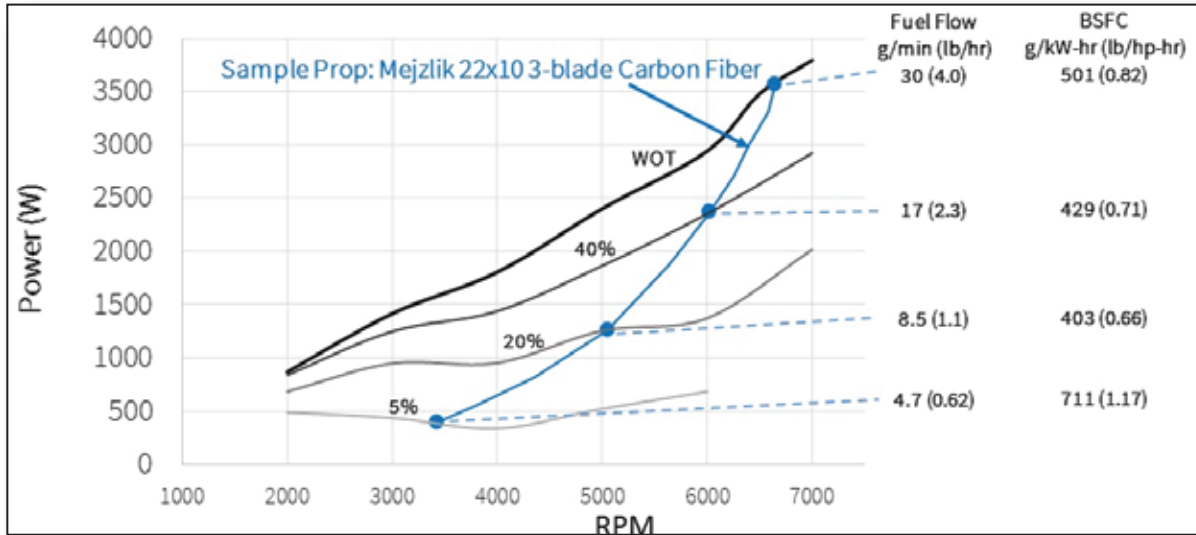
**Cruise BSFC:** 400-450 g/kW-hr (0.66-0.74 lb/hp-hr)<sup>1</sup>

**Fuel type:** Gasoline 50:1 premix



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## Performance Data



1 Preliminary: specifications subject to change. Engine tested with KS86 exhaust system. Based on static tests. 3.8 kW achieved at 7000 RPM at 100% throttle. BSFC based on RPM range of 4400 – 6400. All test points measured on a calibrated motoring dynamometer.