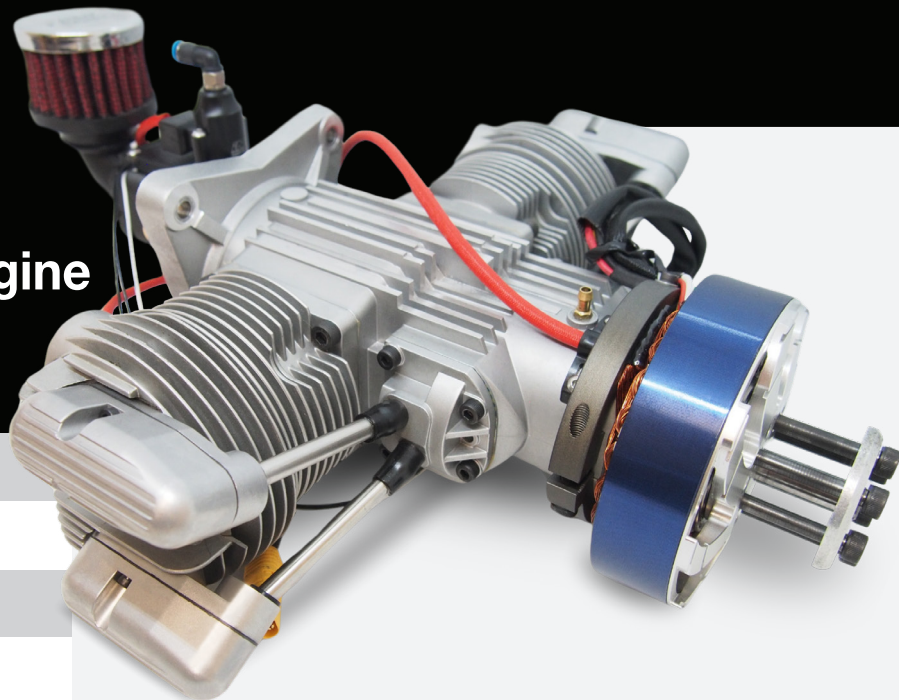


# INF Saito EFI 120 UAV Engine

## TECHNICAL SPECIFICATIONS



<b>Input Voltage</b>	16.8v - 25.2v
<b>Alternator Options</b>	48v 8amp (400w)
<b>Current Draw Full Power</b>	1.65amp
<b>Output Power</b>	400 watt @ 48.5v
<b>System Weight</b>	3.9kg - 4.8kg / 8.6lbs - 10.6lbs
<b>Engine Displacement</b>	120cc
<b>Engine Control</b>	INF Inject EFI
<b>Ignition</b>	INF Ignite Capacitor Discharge
<b>Operating RPM</b>	6600 RPM
<b>Telemetry</b>	TTL 9600
<b>Operating Temp</b>	-15°C - 45°C
<b>Operational Altitude</b>	0 - 3660m / 0 - 12,000ft
<b>Displacement</b>	120cc 4-Stroke
<b>Fuel Type</b>	Gasoline + 25:1 Oil
<b>Cooling</b>	Air Cooled
<b>Starting</b>	Self Starting via Alternator (Opt)
<b>TBO</b>	200H
<b>Props</b>	28 x 8 - 28 x 12 2B
<b>Engine Rotation</b>	CW/Pusher or CCW/Puller

## INF Saito 120 Features

- Fuel efficient 4-stroke
- Quiet noise signature
- Proven reliability
- Single power supply for the entire engine system
- Light weight
- MIL DTL 83513 wiring harness and connectors
- Automatic altitude tuning based on barometric sensors
- Fuel Injection overheat protection
- Output alternator options
- On-board data logging SD card
- TTL engine telemetry to flight control system
- Lightweight INF throttle body EFI Integration

