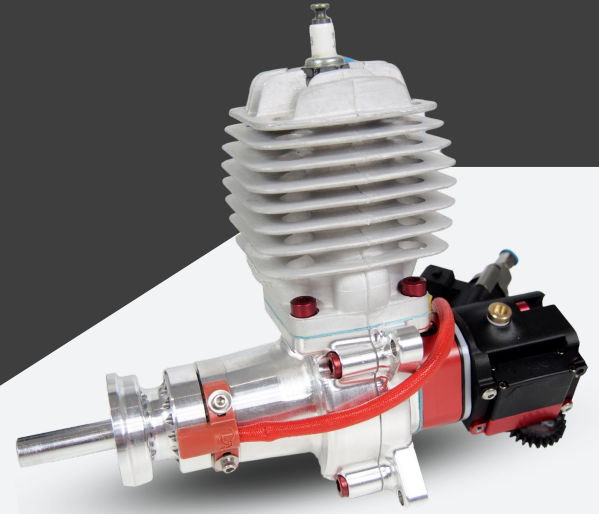


INF DA35 UAV Engine

TECHNICAL SPECIFICATIONS



OPERATIONAL SPECIFICATIONS

Input Voltage	14.8v (4S) - 22.2v (6s)
Generator Options	1.5kW
Alternator Options	48v 350W, 24v 200W
Current Draw full Power	1 Amp peak, 1 hour/1,000 mAh
Output Power	2.1 kW, 2.8 hp
System Weight	1 kg / 2.2 lb Inc EFI System
Engine Displacement	35 cc, 2.14 ci
Engine Control	INF Electronic Fuel Injection
Ignition	Electronic Capacitive Discharge
Operating RPM	1,500 RPM to 8,200 RPM
Telemetry	TTL 9600 Baud rate
Operating Temperature	-15C - +50C
Operational Altitude	0 - 12,000ft
Engine Type	One Cylinder 2-Stroke
Fuel Type	40:1 Synthetic 2-Stroke
Cooling	Air Cooled
Starting	Self starting via Alternator
TBO	250h

INF DA35 UAV Features

- 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
- Standard Exhaust or silencer options available
- Automatic engine start via alternator
- Lightweight INF Throttle body EFI Integration

