

INF DA70 UAV EFI Engine

TECHNICAL SPECIFICATIONS



Input Voltage	16.8v - 25.2v
Alternator Options	48v 8amp
Current Draw Full Power	1.65amp
Output Power	4kW / 5HP
System Weight	1.78kg - 2.6kg / 3.9lbs - 5.7lbs
Engine Displacement	70cc / 4.28ci
Engine Control	INF Inject EFI
Ignition	INF Ignite Capacitor Discharge
Operating RPM	1750 - 8000 RPM
Telemetry	TTL 9600
Operating Temperature	0 - 50c / 0 - 122f
Operational Altitude	0 - 3660m / 0 - 12,000ft
Engine Type	Two Cylinder 2-Stroke
Fuel Type	Gasoline + 2-Stroke 40:1 Oil
Cooling	Air Cooled
Starting	Self Starting via Alternator
TBO	250h

INF DA70 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

