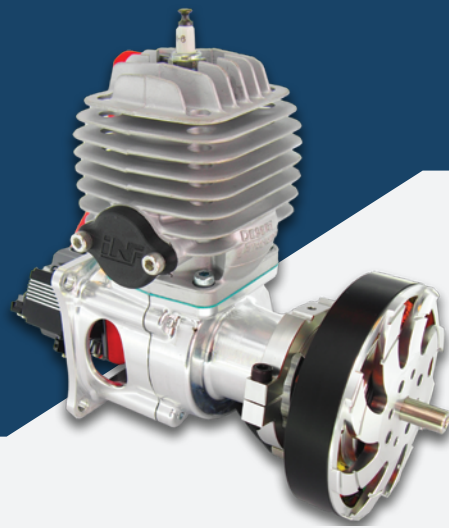




INF DA60 UAV Engine

TECHNICAL SPECIFICATIONS



Part Number (PN): IF60FI, IF60FIALT, IF60FIR, IF60FIALTTR

OPERATIONAL SPECIFICATIONS

Input Voltage	18.5v (5s) ~ 22.2v (6s)
Engine Rotation	Puller (CCW) Pusher (CW)
Alternator Options	48.5v (400W) 24v (110W)
Current Draw full Power	1.5 Amp peak, 1 hour/1,500 mAh
Output Power	2.1 kW, 2.8 hp
Starting	Optional Self-Starting via Alt
Engine Displacement	60 cc, 3.7 cubic inches (ci)
Engine Control	INF Inject Electronic Fuel Injection
Ignition	Electronic Capacitive Discharge
Operating RPM	IF60FI 1,500 to 8,200 RPM IF60FIALT 1,500 to 7,000 RPM
Telemetry	TTL 9600 Baud rate
Operating Temperature	-15°C to +50°C
Operational Altitude	0 - 12,000 ft
Engine Type	Single Cylinder 2-Stroke
Fuel Type	40:1 Synthetic 2-Stroke
Cooling	Air Cooled
TBO	150h

COMPONENT WEIGHTS

System Weight	EFI Engine Including all EFI components: 1820g (1.81 lbs)
Optional Alternator	740g (1.63 lbs)
Optional PMU PN: IFPMU48v200/300	470g (1 lb)

INF DA60 UAV Features

- Proven Reliability
- Single power supply for the entire engine system
- Light weight 6061 & 7071 Aluminium
- Positive Locking Commercial Connectors
- Automatic Altitude Compensation
- Fuel Injection overheat protection
- Up to 65% fuel efficiency improvement with INF Fuel Injection
- On-board Data logging SD card + No logging option
- Seamless Integration with Autopilot Systems
- Standard exhaust / Noise Signature Reducer options available
- Automatic engine start via alternator + PMU
- Non branded options available
- All Engines Run and Calibrated before shipping
- Recommended Propeller: 2B 22x12, 23x10, 24x8 3B 22x10

