

INF DA215 UAV Engine

TECHNICAL SPECIFICATIONS



OPERATIONAL SPECIFICATIONS

Input Voltage 16.8v (4S) - 25.2v (6s)

Alternator Options 350W - 8kW

Current Draw Max RPM 2.2amp

Output Power 13hp

System Weight 4.98kg / 10.9lbs

Engine Displacement 215cc, 13.1ci

Engine Control INF Electronic Fuel Injection

Ignition (Twinspark) Capacitive Discharge Ignition

Operating RPM 5,800 RPM

Maximum RPM 7,000 RPM

Telemetry TTL 9600 Baud rate

Operating Temperature -15C - +50C

Operational Altitude 0 - 12,000ft

Engine Type Two Cylinder 2-Stroke

Fuel Type 40:1 Synthetic 2-Stroke

Cooling Air Cooled

Starting Optional Alternator

TBO 250h

INF DA215 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

