

# INF iHE7 Hybrid Generator

## TECHNICAL SPECIFICATIONS



### iHE7 Features

- Proven Reliability

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- Single power supply for the entire engine system

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- Light weight

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- MIL DTL 83513 wiring harness and connectors

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- Automatic altitude tuning based on barometric sensors

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- Fuel Injection overheat protection

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- Automatic Throttle control

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- On-board Data logging SD card

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- TTL Engine Telemetry to Flight Control System

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- Standard Exhaust or silencer options available

OPERATIONAL SPECIFICATIONS	
<b>Input Voltage</b>	50v (12S)
<b>Output Voltage</b>	50v (12S)
<b>Output Power</b>	70amps - 3500 Watts
<b>System Weight</b>	4.1kg
<b>Engine Displacement</b>	70cc
<b>Engine Control</b>	INF Electronic Fuel Injection
<b>Ignition</b>	Electronic Capacitive Discharge
<b>Power Control</b>	Intelligent Power on Demand
<b>Telemetry</b>	TTL 9600 Baud rate
<b>Operating Temperature</b>	-15°C to 40°C (Ambient)
<b>Max Engine Temp</b>	205°C (CHT)
<b>Operational Altitude</b>	0 - 12000ft
<b>Lubrication</b>	Two Cylinder 2-Stroke
<b>Fuel Type</b>	Gasoline 91 Octane
<b>Cooling</b>	Air Cooled
<b>Starting</b>	Self-Starting via Alternator
<b>Service Cycle</b>	150h

