



# Permanent magnet alternator

## Model 5342

Model 5342 provides electrical power for a FADEC system used on a General Electric engine. The alternator comprises a rotor and stator set.

The rotor is a sleeved, segmented unit employing high energy magnets. The stator comprises epoxy bonded laminations and four isolated single phase windings. An aluminum housing locates the stator and interfaces with the mounting pad. The alternator is gear driven from an engine accessory gear box.



### Specifications

**Overspeed:**

20,728 RPM for 1 minute

**Weight:**

3.5 lbs

**Temperature:**

-54 C to 182 C

**Altitude:**

0 to 50,000 ft

**Cooling:**

Convection / conduction

**Compliance:**

MIL-STD-461B

**OEKO**

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Power supplies | Magnetics | Sensors | Meters

