



Permanent magnet alternator

Model 5618

Model 5618 provides electrical power for a FADEC system used on the General Electric F404 engine. The alternator comprises a rotor and stator set.

The rotor is a sleeved unit employing high energy product magnets. The stator comprises epoxy-bonded laminations and features dual, wye-connected three 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:

28,345 RPM

Altitude:

0 to 50,000 ft

Weight:

8.25 lbs

Ambient:

-54 C to 177 C

Cooling:

Convection / Conduction

Compliance:

MIL-STD-461B

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