

DATA SHEET
SPECIFICATIONS
**MODEL #5466
PERMANENT MAGNET
AC ALTERNATOR**

RPM	VOLTAGE (L-L)	LOAD VA
12,325	30.5 (MAX)	76 (MIN)
24,650	180.0 (MAX)	NO LOAD

OVERSPEED: 29,580 RPM

WINDINGS: 3 PHASE WYE WINDINGS

COOLING: CONVECTION/CONDUCTION

AMBIENT: -65°F TO 350°F

ALTITUDE: 0 TO 50,000 FT

WEIGHT: ROTOR 0.23 LBS MAX
STATOR 0.77 LBS MAX

COMPLIANCE: MIL-STD-461B


DESCRIPTION

Model 5466 provides electrical power for a FADEC system used on a Pratt & Whitney Canada commercial aircraft engine.

The rotor is a sleeved segmented unit employing high energy magnets. The stator comprises epoxy bonded laminations and a continuous three phase winding. A stainless steel housing locates the stator and interfaces with the mounting pad.

The alternator is gear driven from an engine accessory gear box.

OUTLINE DETAILS