

**DATA SHEET**

SPECIFICATIONS	MODEL #5635 PERMANENT MAGNET AC ALTERNATOR
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RPM	VOLTAGE (L-L)	LOAD VA
12,325	30.5 (MAX)	76 (MIN)
24,650	180.0 (MAX)	NO LOAD
<b>OVERSPEED:</b>	29,580 RPM	
<b>WINDINGS:</b>	3 PHASE WYE CONNECTED	
<b>COOLING:</b>	CONVECTION/CONDUCTION	
<b>AMBIENT:</b>	-65°F TO 350°F	
<b>ALTITUDE:</b>	0 TO 50,000 FT	
<b>WEIGHT:</b>	ROTOR 0.23 LBS MAX STATOR 0.77 LBS MAX	
<b>COMPLIANCE:</b>	MIL-STD-461B	


**DESCRIPTION**

Model 5635 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. This model features a European Standard (EN295) connector style.

**OUTLINE DETAILS**