

DATA SHEET
SPECIFICATIONS
**MODEL #5525
AC GENERATOR
5.0 KVA - 6300 - 12600
RPM**

VOLTAGE:	200 VAC _{rms}
PHASE:	SINGLE PHASE
FREQUENCY:	210 TO 420 HZ
POWER FACTOR:	.95 LAG TO UNITY
REGULATION:	200 ± 6 VAC _{rms}
SPEED RANGE:	6,300 - 12,600 RPM
OVERSPEED:	14,000 RPM
CONTINUOUS RATING:	5 KVA
EFFICIENCY:	75% AT RATED LOAD
COOLING:	INTERNAL FAN
AMBIENT:	-55°C TO 71°C
WEIGHT:	ALTERNATOR 21 LBS
PROTECTIVE FUNCTIONS:	OVERCURRENT BACK-UP SENSOR OVER-TEMPERATURE THERMAL SHOCK
COMPLIANCE:	MIL-I-8500 FAR PART 25 DO-160C AC 20-136


DESCRIPTION

Model 5525 Windshield Electrical De-Icing System consists of two AC Generators and two Dual Channel Windshield Heat Controllers.

The Generator is a self cooled, brushless design, delivering up to 25 Amps from a single phase across its speed range.

The Dual Channel controller regulates the power delivered to each windshield from the generators.

OUTLINE DETAILS