

DATA SHEET
SPECIFICATIONS
**MODEL #5555
AC GENERATOR
3 KVA - 6,000-12,000 RPM**

VOLTAGE:	115/200 VAC
PHASE:	THREE
FREQUENCY:	400 HERTZ AT 12,000 RPM
POWER FACTOR:	.95 LAG TO UNITY
REGULATION:	115 ± 3.5 VAC
SPEED RANGE:	5,572 - 11,881 RPM
OVERSPEED:	14,000 RPM
CONTINUOUS RATING:	3 KVA CONTINUOUS
OVERLOAD:	4.5 KVA 5.0 MINUTES
EFFICIENCY:	89% AT RATED LOAD
COOLING:	INTERNAL FAN AND BLAST AIR
AMBIENT:	-55°C TO +85°C
WEIGHT:	GEN 16 LBS
PROTECTIVE FUNCTIONS:	CURRENT LIMITING LIGHTNING PROTECTION
COMPLIANCE:	MIL-STD-810C MIL-STD-461A MIL-STD-462 FAR PART 35 FAR PART 37


DESCRIPTION

Model 5501 consists of an AC generator and a power control unit (PCU). This unit provides de-icing power for the Cessna 560XL aircraft.

The three phase, AC generator is of synchronous type. It features an exciter to enable brushless operation.

The PCU controls the operation of the generator by regulating its output and protecting the system as listed.

OUTLINE DETAILS