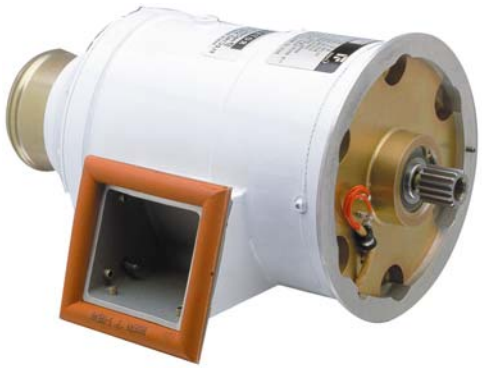
DATA SHEET

SPECIFICATIONS

MODEL #5482
AC GENERATOR
7.5 KVA - XX,XXX RPM

VOLTAGE:	115/200 VAC
PHASE:	THREE
FREQUENCY:	200 to 400 HERTZ
POWER FACTOR:	.95 LAG TO UNITY
REGULATION:	115 ± 3.5 VAC
SPEED RANGE:	6,000 – 12,000 RPM
OVERSPEED:	14,000 RPM
CONTINUOUS RATING:	7.5 KVA
OVERLOAD:	11.25 KVA FOR 5 MIN
EFFICIENCY:	89% AT RATED LOAD
COOLING:	INTERNAL FAN
AMBIENT:	-50°C TO +55°C
ALTITUDE:	SEA LEVEL TO 22,000 FT
WEIGHT:	GENERATOR 26.0 LBS
PROTECTIVE FUNCTIONS:	CURRENT LIMITING
COMPLIANCE:	MIL-STD-810C MIL-STD-461A MIL-STD-462 FAR PART 35 FAR PART 37



DESCRIPTION

Model 5482 consists of an AC generator, a QAD mounting kit and a GCU. The alternator is a brushless, wound field synchronous unit, whose excitation is provided by the aircraft DC power.

The GCU monitors the system output power and regulates the voltage. The power from the generator is used to energize a heating element located in the leading edge of the aircraft horizontal stabilizer.

OUTLINE DETAILS