

DATA SHEET
SPECIFICATIONS
**MODEL #5371
DC GENERATOR
400 AMPERES - 7,500 RPM**

VOLTAGE:	28 VDC
CURRENT:	250 A @ 2,350 RPM 400 A @ 7,500 RPM
REGULATION:	SELF REGULATING 2,350 - 7,500 RPM W/TEMP. COMPENSATION +0.20 -0.60 V WITH BATTERY ± 1.0 V WITHOUT BATTERY
RIPPLE:	2.0 V _{p-p} WITH BATTERY 35 VDC WITHOUT BATTERY
OVERSPEED:	10,000 RPM
EFFICIENCY:	60% MIN
COOLING:	BI-DIRECTIONAL FAN
AMBIENT:	-50°C TO 110°C
WEIGHT:	78 LBS MAX


DESCRIPTION

Model 5371 is a self contained, brushless, air cooled generator with a removable field regulator. At 28 volts DC, it is capable of providing up to 250 amperes at a minimum speed of 2,350 RPM and 400 amperes at 7,500 RPM. The generator is of the synchronous, salient pole type, power-rectified to produce 28 volts DC. This output voltage is controlled by a solid-state voltage regulator that is mounted directly on the generator housing. The entire unit is designed to withstand the rugged environment experienced by wheeled or tracked military vehicles.

OUTLINE DETAILS

