



DC Brushed Starter Generators

FEATURES AND BENEFITS

- Complete range of DC starter generators from 160 amp to 400 amp
- Digital and analog Generator Control Units (GCU) available
- Improved bearing and brush options to support special mission applications
- Brush life performance up to 2,000 hours to reduce aircraft / engine down time

TECHNICAL PERFORMANCE DATA

Features	MG84 Series	MG94 Series	MG103 Series
Rated Output (amps) Continuous	160-200	325	400
Cooling	Self cooled	Self cooled	Self cooled
Altitude	35,000 ft.	51,000 ft.	51,000 ft.
Temperature	-67°F to 139°F	-67°F to 139°F	-67°F to 139°F
Weight	22 lbs.	32 lbs.	36.9 lbs.
Mounting Interface	Direct or QAD	Direct or QAD	Direct or QAD
Certification	TSO C56a	TSO C56b	TSO C56a

GENERATOR PERFORMANCE

Features	MG84 Series	MG94 Series	MG103 Series
Rated Voltage	30 VDC	30 VDC	30 VDC
RPM - Normal Operation	7,200 - 12,000	6,250 - 12,000	6,750 - 12,000
Overload Current (amps)	400	650	800
Overspeed	14,000	14,000	14,000

APPLICATIONS

- Honeywell: TFE-331, TFE-731
- Pratt & Whitney: PT-6, PW530, PW535, PW600, PW615F, PW617
- Williams International: FJ33, FJ44
- Turbomeca: Arriel
- Honda: HF120
- Rolls-Royce: RR300

