



NEW GENERATION MOTORS CORPORATION

New SC-M150-xx Wheel Motor

NGM is redesigning its race winning drive system, NGM-SC-M100 for use by solar car teams in Sunrayce '99 and international races.

The new motor will have the following features and improvements:

- ◇ Manual adjustment of air gap while moving
- ◇ Lighter weight
- ◇ Improved efficiency
- ◇ Robust packaging (protection for windings, power connections, control/sense connections)
- ◇ Optimized design for different bus voltages
- ◇ Mounting interface will allow current SC-M100 users to mount SC-M150
- ◇ Interface to wheel will be based on NGM Aluminum rim for use with Bridgestone Ecopia Tires

	SC-M150-04	SC-M150-08
Bus Voltage Range (Volts)	48-53	84-108
Min./Max Air Gap Setting (mm)	1.75/6.00	1.75/6.00
Motor Diameter (mm)	315	315
Motor Width (Stator to Rotor only) (mm)	70	70
Weight (Kg)	20	20

For more information when available contact:

New Generation Motors Corporation
21641 Beaumeade Circle
Suite 310
Ashburn, Virginia 20147
(703) 858-0036 (Voice)
(703) 858-0602 (Fax)