



NEW GENERATION MOTORS CORPORATION

SCM150-XXX Axial Flux, Brushless PM Motor



New Generation Motor's (NGM) SCM150 motor is ideal for small, direct drive electric vehicles where efficiency is key. The SCM150 motor can be driven as a 3-phase AC synchronous or DC brushless electric motor with advanced capabilities and superior efficiency.



Standard features include:

- *High Power Rare Earth Permanent Magnets*
- *Ultra high efficiency*
- *Open motor design for improved thermal performance and reduced weight.*
- *Field proven -- Used by top 5 finishers in Sunrayce 99, ASC 2001, and ASC 2003*

Specifications SCM150		
Peak Power	kW	7.5
Continuous Power @ V_{nom}	kW	3.75
Speed @ Peak Power	RPM	1300
No-Load Speed	RPM	1700
Peak Torque @ I_{max} (T_p)	Nm	135
DC bus Voltage Nominal (V_{nom})	V	96 & 48
Weight	Kg	20

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Specifications Subject to Change Without Notice





