

List of Abbreviations

2-D	Two Dimensional
3-D	Three Dimensional
AF	Axial Flux
AFIM	Axial Flux Induction Motor
AFPM	Axial Flux Permanent Magnet
AFSMPM	Axial Flux Surface Mounted Permanent Magnet
DMP	Dual Mechanical Port
DSPM	Dual Stator Permanent Magnet
EMF	Electromotive Force
EV	Electric Vehicles
FEA	Finite Element Analysis
FEM	Finite Element Analysis
HEV	Hybrid Electric Vehicle
IPM	Interior Permanent Magnet
LIM	Linear Induction Motor
LSPM	Line start Permanent Magnet
MEC	Magnetic Equivalent Circuit
MMF	Magnetomotive Force
MVP	Magnetic Vector Potential
NdFeB	Neodymium Ferrite Boron
PM	Permanent Magnet
PMBL	Permanent Magnet Brush Less
PMDC	Permanent Magnet DC
RF	Radial Flux
RFPM	Radial Flux Permanent Magnet
RFSMPM	Radial Flux Surface Mounted Permanent Magnet
SC	Schwarz-Christoffel
SIPM	Surface Inset Permanent Magnet
SmCo	Samarium Cobalt
SMPM	Surface Mounted Permanent Magnet