Appendix

INDEX OF ABBREVIATIONS

- AC: Alternating Current
- ACR: Automatic Current Regulator
- AMT: Automatic Manual Transmission
- ASR: Automatic Speed Regulator
- BLDC: Permanent Magnet Brushless DC Motor
- BMS: Battery Management System
- CHPTD: Compact Hybrid Planetary Transmission Drive
- CVT: Continuously Variable Transmission
- DC: Direct Current
- ECE: Basic European City Driving Cycle
- EM: Electric Machine
- EMF: Electromotive Force
- ESR: Equivalent Series Resistance
- EV: Battery Powered Electric Vehicle
- FC: Fuel Cell
- FUD: Federal Urban Driving Cycle
- HE: High Energy Battery
- HEV: Hybrid Electric Vehicle
- HP: High Power Battery
- HSSD: Hybrid Split Sectional Drive
- HV: Full Hybrid Vehicle
- ICE: Internal Combustion Engine
- IGBT: Insulated Gate Bipolar Transistor
- NEDC: New Extended European Driving Cycle
- PHEV: Plug-in Hybrid Electric Vehicle
- PM: Permanent Magnet
- PMSM: Permanent Magnet Synchronous Motor
- PPG: Planetary Transmission
- PS: Primary Source
- PWM: Pulse Width Modulation
- **RMS**: Root-mean-square
- **SCR**: Silicon Controlled Rectifier
- **SOC**: Battery State of Charge
- **SS**: Secondary Source
- **UC**: Ultra Capacitor