

List of Abbreviations and Symbols

X-Ray Diffraction	➤ XRD
Joint Committee on Powder Diffraction Standards	➤ JCPDS
Full Width At Half Maximum	➤ FWHM
Scanning Electron Microscope	➤ SEM
Secondary Electron Images	➤ SEI
Back Scattered Electron	➤ BSE
Energy Dispersive X-Ray Spectroscopy	➤ EDS
Theoretical Density	➤ TD
AC impedance spectroscopy	➤ IS
Constant Phase Element	➤ CPE
Electrochemical Impedance Spectroscopy	➤ EIS
Polyvinyl Butyral	➤ PVB
Metal Oxide Varistor	➤ MOV
High Voltage Direct Current	➤ HVDC
Series Compensation	➤ SC
Space Charge Limited Current	➤ SCLC
Static Fault Current Limiter	➤ SFCL
Conduction Band	➤ CB
Alternating Current & Direct Current	➤ AC & DC
Distributed Generators	➤ DGs
Insulated Gate Bipolar Transistor	➤ IGBT
Lead Zirconate Titanate	➤ PZT
Electric Field–Current Density	➤ E–J
Activation Energy	➤ E_a
Nonlinearity Coefficient	➤ α
Breakdown Field	➤ E_{1mA}
Leakage Current Density	➤ J_L