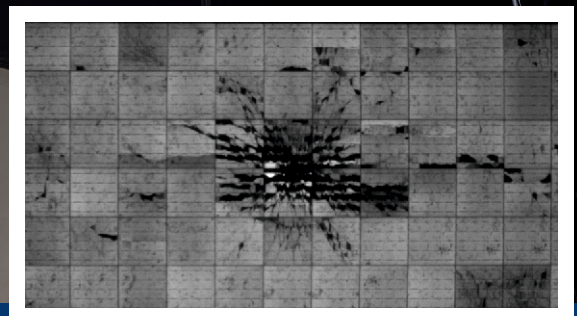


RELIABILITY AND PERFORMANCE TESTING OF SOLAR PV MODULE



LIST OF TEST (NABL Accredited)

- Visual + EL (Electro luminance) Image Testing
- Performance at STC
- Maximum Power Determination
- Measurement of Temperature Co-efficient
- Performance at Low irradiance
- Thermal Cycling Test
- Humidity Freeze Test
- Potential Induced Degradation (PID) Test
- Damp Heat Test
- Measurement of Nominal Module Operating Temperature (NMOT)
- Outdoor Exposure Test
- UV Precondition Test
- Hot Spot Endurance Test
- Wet Leakage Current Test
- Mechanical Load Test
- Hail Test
- Bypass Diode Testing
- Module Breakage Test

Applicable Standards

- IS 14286: 2010
- IEC 61215:2021
- IS/IEC 61730-2: 2016

ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

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