

# PV Test and Inspection Services

GeoSUN Africa provides various photovoltaic test and inspection services:

- Accredited (ISO 17025) laboratory tests: Maximum Power Determination (Flash Test), Thermographic Imaging, Electroluminescence (EL) Imaging, Visual Inspections, Electrical Insulation (HiPot) Tests.
- On-site testing and inspections: Maximum Power Determination with mobile laboratory (A+A+A+ flasher), Maximum Power Determination (IV Test), Electroluminescence (EL) Imaging, Drone based Aerial Thermographic Inspections, etc.

Typical services include:

- Incoming goods inspection (at the port of entry or on site) during construction.
- End of defects liability inspections (typically 24 months after COD).
- Regular scheduled O&M related inspections during the life of the plant which include Thermographic Inspections and PID Testing.
- Inspections during the life of the plant relating to under-performing plants or any other unknown module defect.

Services are provided in close collaboration with PVinsight.

