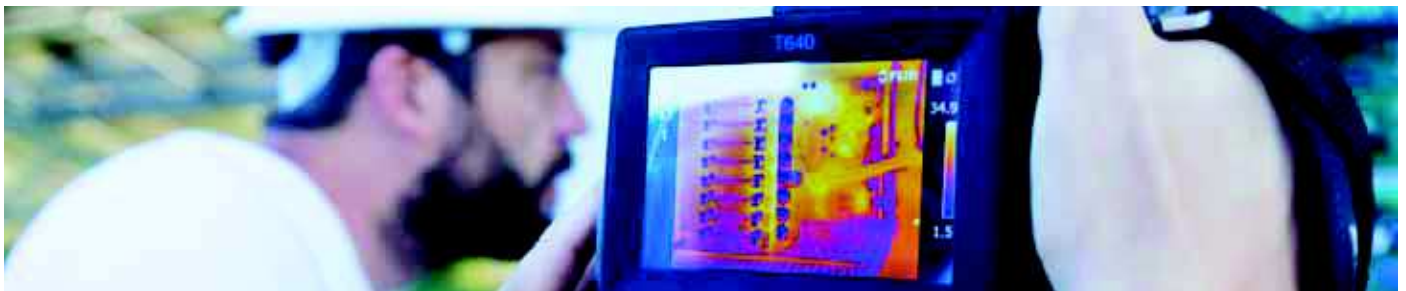




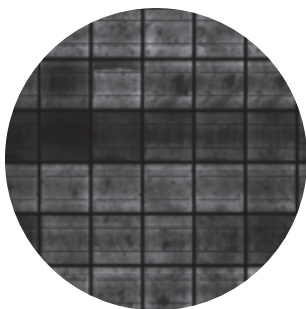
SPECIALIZED SERVICES

WHERE COMES THE SUN WE REACH:
PURE COMPETENCE AND MOBILITY

With **extremely pragmatic**, approach, we have developed methodologies and technologies that allow us to perform **specialized tests directly on site - with accuracy and quality comparable to laboratory equipment-** in order to reduce costs, minimize downtime and stimulate a very effective interactive diagnostic system.

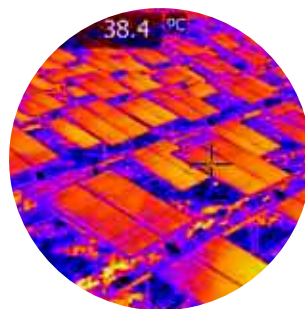


We have **the know-how and a technical structure able to perform activities also on massive number of components** such as verification of serial defects of the photovoltaic modules, verification of anomalies or malfunctions of the system resulting from improper installation and / or improper maintenance of components, extraordinary events impact assessment (hail, excessive snow loads, landslides, floods, etc ...) or resulting from accidental mechanical stress such as inappropriate handling of components during attempted theft.



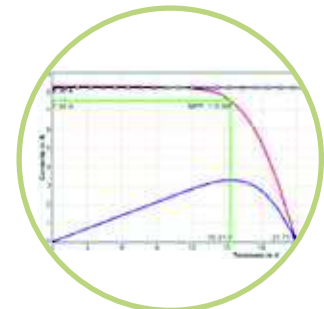
ON-SITE: FLASH TEST & ELECTRO- LUMINESCENCE

We can perform flash tests directly on site with the Mobile Laboratory or record high-quality images in electro-luminescence with the Portable EL units that allows to work in daylight without the need to disconnect the photovoltaic modules



ON-SITE: TEMOGRAFICAL SURVEY

Thermal imaging is performed with high resolution FLIR thermal cameras. Our analysis program allows in first step to identify strings or individual modules with abnormal overheating and in a second step to inspect the single modules in detail to identify the specific defect, map the defect distribution on site and identify actions to be taken



ON-SITE: POWER MEASUREMENTS

The measurement of the characteristic IV curve, instantly correlating the power measurements and environmental data at standard test conditions, allows you to check deviations from the theoretical power and verify the impact of any defects of the photovoltaic modules or malfunction at string level.