VeraSol

Test Laboratory Network

VERASOL BUILDS GLOBAL TESTING CAPACITY FOR OFF-GRID SOLAR PRODUCTS

Reliable product data are at the heart of quality assurance in the off-grid solar sector. To obtain these data, products must be subjected to standardized tests conducted by qualified laboratories. VeraSol coordinates a global network of independent labs that have the equipment and training needed to conduct these tests and produce reliable results.

All of the products listed on data.verasol.org have been tested by an approved lab, and the results have been reviewed by the VeraSol team. Producers and purchasers alike can have full confidence in the product data on the VeraSol Product Database.

The tables on the back show VeraSol-approved labs as of November 2022. For the most up-to-date lists or to learn more about becoming a VeraSol-approved lab, visit VeraSol.org.

Pico-PV products and SHS kits

800+ pico-PV and SHS kits tested

The following labs are approved to test products according to the methods described in IEC TS 62257-9-5 and IEC TS 62257-9-8. They participate in an ongoing program of inter-laboratory comparison testing coordinated by the VeraSol team. Labs accredited to ISO 17025 and trained to the latest version of the test methods may be eligible to conduct certification (QTM) and renewal testing. All approved labs can conduct tests according to the market check method (MCM) and initial screening method (ISM).

Intertek HK
Kowloon, Hong Kong
Performs all testing

Schatz Energy Research Center
Arcata, California, USA
Performs all testing

Shenzhen Academy of Metrology and Quality Inspection
Shenzhen, China
Performs all testing

Ethiopian Conformity Assessment Enterprise
Addis Ababa, Ethiopia
Performs MCM & ISM

University of Nairobi – Lighting Laboratory
Nairobi, Kenya
Performs MCM & ISM

Zambia Bureau of Standards
Lusaka, Zambia

Standards Organisation of Nigeria
Lagos, Nigeria

Currently in progress of joining the VeraSol Test Lab Network.

Appliances and productive use

470+ appliances tested

The following labs are approved to test off-grid solar appliances and productive use equipment (PUE) according to the Global LEAP test methods. These test methods define the process and parameters to evaluate energy performance, quality & durability, and safety. These labs are accredited to ISO 17025 for relevant IEC test methods.

Intertek HK
Kowloon, Hong Kong
TVs

Kijani Testing
Kisumu, Kenya
Electric pressure cookers & nascent PUE

PCSIR
Hong Kong
Fans

Schatz Energy Research Center
Arcata, California, USA
Solar water pumps

Re/genT
Helmond, The Netherlands
Refrigerators & freezers

TÜV SÜD Hong Kong
Hong Kong
Fans