VeraSol

VeraSol Pricing Table

For product certification

March 19, 2021

Important note: *Product testing costs are not included in these fees and must be paid directly to the test lab that conducts the test.*

Category	Service	Price (USD)
Standard Quality Verification Services	Base Fee for Market Entry Testing[1]	$300
	Base Fee for Renewal and Retesting[1]	$100
	Sampling (per event, could vary by location[2]	$450
	Invoicing Fee	$50
	Additional Fees[3]	
	…per Pico product[4]	$350
	…per Solar Home System (SHS) kit[5]	$450
	…per unique additional component without a battery[6]	$60
	…per unique additional component with a battery[6]	$100
	…per new product family[7]	$400
	…per revised Family Specification Book or Standardized Specification Sheet[8]	$200
	…per additional Wh/day calculation[9]	$35
	…per non-plug-and-play product[10]	$500
Additional and Optional Services	Benchmarking Analysis included in Cover Letter[11]	$100
	Research Requests[12]	Varies
	Accelerated Verification Method (AVM)[13]	$1,200+
	Initial Screening Method (ISM) Report Review and Evaluation[14]	$500
	Co-Branding (per co-branded product)[15]	$400
	Co-Branding (per family)[16]	$600
	Energy Service Recalculations or other calculations by VeraSol[17]	$200
	Upgrade Existing Certification to IEC TS 62257-9-8[18]	Varies
Penalties	Failure to Correct a Conditional Pass[19]	$2000

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Release Date: March 19, 2021 (the VeraSol team reserves the right to change the pricing. If there are any changes, the team will notify the parties in advance.)

Annotation

1 Products undergoing a Market Entry Test are charged the Market Entry Test Base Fee. Products undergoing a renewal or retest are charged the Renewal/Re-Test Base Fee. These base fees are charged per agreement, meaning that an agreement in which multiple products are included is charged a single base fee. New clients get the market entry base fee waived off the first product they submit for quality verification.

2 Samples required for testing are selected by a party appointed by CLASP following the procedure laid out in the Product Sampling Policy. The cost per sampling event is $450. Therefore, if multiple sampling events are scheduled to take place under one agreement, each sampling event is charged accordingly. Additional sampling events for products to be tested that are scheduled outside the drafting of the original testing agreement are not charged a base fee and instead are only charged for sampling and invoicing. Market sampling and shipment costs done in the marketplace will be included here and the total USD amount of this fee will be vary based on the actual cost of procuring and shipping product samples.

3 Additional fees are charged according to the product(s) to be tested. The application of these fees is dependent on the engineering and design of each product and/or component to be tested. Renewal tests for which the product has not changed since its last QTM testing shall be exempt from the following additional fees: per unique additional component without a battery, per unique additional component with a battery, and per non-plug-and-play product. Partial retests of a product shall be exempt from the following additional fees: per Pico product, per SHS kit, and per new or revised product family. A partial retest is a test undertaken to address a specific testing failure to allow a product to qualify for VeraSol Program support. Retesting required due to changes not made in response to a testing failure will be subject to relevant additional fees as defined below.

4 Pico products are defined as those with PV modules 10 W or less. This additional fee is applied to the number of individual pico products to be tested within a testing agreement. The testing of a pico product includes the testing of one main unit, one PV module, and one unique type of light point. A type of light point is one for which multiple identical components can exist in a single product, and for which the design and engineering is the same across these components. Additional differently designed main units, PV modules, and loads (either with or without batteries) undergoing testing will be charged additional fees as defined below.

5 SHS kits are defined as those with a PV module of greater than 10 W. This additional fee, charged per SHS kit to be tested under a single testing agreement, includes the testing of one main unit, one PV module, and one unique type of light point. A type of light point is one for which multiple identical components can exist in a single kit, and for which the design and engineering is the same across these components. Additional differently designed main units, PV modules, and loads (either with or without batteries) undergoing testing will be charged additional fees as defined below.

6 A unique additional component without a battery is an appliance (e.g., TV) that does not contain a battery, an additional light point that does not contain a battery, or an additional PV module beyond the main unit, PV module, and single unique light point that are covered by the above product fees for pico products and SHS kits. Similarly, a unique additional component with a battery is an additional appliance (e.g., radio) that contains a battery, an additional light point that contains a battery (e.g., torch), or additional main unit. That is, products or families that include more than one main unit, one PV module, or one type of light

point or load shall be charged this fee for each additional component whose design varies from the originally included components.

If a product has, a Pay As You Go (PAYG) and non-PAYG version that require additional testing, one shall be treated as an additional component to the original product. Information about PAYG testing is available in the Quality Assurance for Pay As You Go (PAYG) Energy Systems Policy on the VeraSol website.

7 This fee applies when a new product family is created. The fee covers the cost of calculating the Daily Energy Service in Wh/day for up to three kits in the family. Additional fees are charged per additional Daily Energy Service Calculation as described below (item #17). More information about product families is available in the Framework for Testing Component Families Policy on the VeraSol website.

8 This fee applies when the Specification Book for an existing product family or the Standardized Specification Sheet for an individually listed product is modified. This fee applies when the Specification Book for an existing product family or the Standardized Specification Sheet for an individually listed product is modified. This fee is not required if a product is undergoing testing and is already paying the market entry or renewal base fees and no changes have been made to the product family. If Wh/day calculations are requested to be added or revised for a family that has been changed, this fee will be applied. If changes have been made to the fully-tested kit or components in the family, this fee will be applied. For renewal testing, this fee includes up to 3 Wh/day calculations.

9 This fee is charged in addition to either the base testing fees, the fee for a new product family, or the fee for a revised Spec Sheet/Spec Book. This fee will also be applied for recalculations of the Daily Energy Service values for renewals of product families when changes have been made to the family that could impact the Wh/day values.

10 Non-plug-and-play products are those that require tools to make connections at the time of installation. Details on the requirements for this type of system can be found in the Non-Plug-and Play Terminals Policy on the VeraSol website.

11 This fee covers the cost of performing a benchmarking analysis of a product's performance when compared to other products tested by the VeraSol program within the last year. Benchmarking plots and analysis is included in the cover letter sent when product testing is complete.

12 This fee covers requests for research and documentation based on data collected by VeraSol. This includes, but is not limited to, research and documentation of a product's testing history to be included in the Type Approval/Verification Letter for the product.

13 Accelerated Verification Testing is an optional alternative pathway for quality certification that is designed to be faster than the standard Quality Test Method. The type of product and number of components determines the fee. Eligibility is based on a strong history of success in maintaining compliance with the Quality Standards. This fee covers:

a) Sampling for follow up AVM testing ($500). This fee assumes random sampling from the manufacturer warehouse is used for AVM-follow up testing and that shipping to the lab is paid by the manufacturer. If market sampling for AVM-follow up testing is required, additional fees will be charged for procurement and shipping of samples.

b) Second report review and cover letter (this varies by product and will be the sum of the items in the Additional fees section)

c) Market observation fee ($700)

14 The Initial Screening Method (ISM) is an optional, abbreviated test method that can offer key feedback to the company and indicate whether a product is likely to meet Quality Standards. This fee includes test report review and a cover letter evaluating the results of the test report. For a product to meet the Quality Standards and receive VeraSol certification, it must undergo the more rigorous QTM testing.

15 The cobranding fee (per product) covers the evaluation of consumer-facing materials for the co-branded product, as well as the generation of a Standardized Specification Sheet and VeraSol Certificate and the product's presence on the VeraSol Product Database. Information about co-branding requirements is available in the Co-Branding Policy on the VeraSol website.

16 The cobranding fee (per family) covers the evaluation of consumer-facing materials for each system within an certified product family that will be co-branded, as well as the revisions of the Family's Spec Book, the VeraSol Certificate and the product's presence on the VeraSol Product Database.

17 This fee is assessed when a quality-verified product is modified in such a way that additional testing is not required, yet the Daily Energy Service value—a key element of system performance—needs to be recalculated because of changes to the product or its advertising. This fee also applies anytime calculations outside of the test process are required and will be done by VeraSol.

18 Assessing a product or family that already meets the Lighting Global Quality Standards to determine if it also meets the requirements of IEC TS 62257-9-8 will require at a minimum some additional testing of any PV modules, review of additional documentation and review of the product packaging and user manual. Pricing for this service will be calculated as follows: the "Base Fee for Renewal and Retesting" + any of the applicable "Additional Fees" for all products and components included in the kit or family (the Additional fees are charged even if these products or components are not undergoing testing). These fees will be charged in addition to any sampling fees for the PV module(s) or other components that require lab testing.

19 This fee covers the cost of additional inspections required if the manufacturer did not correct an issue identified during testing. Information about conditional passes is available in the Conditional Pass Policy on the VeraSol website.

About VeraSol

An evolution of Lighting Global Quality Assurance, the VeraSol program supports high-performing, durable off-grid products that expand access to modern energy services. VeraSol builds upon the strong foundation for quality assurance laid by the World Bank Group and expands its services to encompass off-grid appliances, productive use equipment, and component-based solar home systems. Like Lighting Global Quality Assurance, the VeraSol program is managed by CLASP in collaboration with the Schatz Energy Research Center at Humboldt State University. Foundational support is provided by the World Bank Group's Lighting Global program, UKaid, IKEA Foundation, Good Energies Foundation, and others. For more information please visit VeraSol.org