

ACCREDITATION CERTIFICATE

No. LA.217-01

Lithuanian National Accreditation Bureau hereby certifies that

complies with the requirements of

**Applied Research Institute for Prospective
Technologies Solar Modules Testing Laboratory**

LST EN ISO/IEC 17025:2018

legal entity: Perspektyvinių technologijų taikomųjų tyrimų institutas
legal entity code: 300129749

and is competent to perform:

photovoltaic modules tests

The scope of accreditation below is an integral part of this certificate. Locations of the conformity assessment body are specified in the scope of accreditation

Initial accreditation date: **2024-02-07**

Certificate issued / valid since: **2024-02-07**

Version of: **2025-08-08**

Expiry date: **2029-02-06**

Direktoriaus pavaduotojas, atliekantis direktoriaus funkcijas


TADAS JUODELIS

The certificate may be changed, its validity suspended or withdrawn by the decision of the National Accreditation Bureau. Information on the actual data of accreditation certificates may be verified at nab.lv.lt



SCOPE OF ACREDITATION

Applied Research Institute for Prospective Technologies Solar Modules Testing Laboratory accredited in accordance with **LST EN ISO/IEC 17025:2018**

Location of the conformity assessment body

Vismaliuku str 34, 10243 Vilnius, Lithuania

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause (if relevant)	Techniques, methods and/or equipment used (where appropriate)
Photovoltaic module	Parameters of volt-ampere characteristics: Short circuit current (I_{sc}); Open circuit voltage (V_{oc}); Maximum power (P_{MPP}); Fill factor (FF); Efficiency (η)	LST EN IEC 60904-1:2021 (except chapter 6)	Volt-ampere characteristics parameters measurement in simulated sun light
	Visual inspection	LST EN IEC 61215-2:2021 chapter 4.1 (MQT 01)	Visual identification of defects
Photovoltaic module	Parameters of volt-ampere characteristics: Short circuit current (I_{sc}); Open circuit voltage (V_{oc}); Maximum power (P_{MPP}); Fill factor (FF); Efficiency (η)	LST EN IEC 61215-2:2021 chapter 4.6 (MQT 06.1)	Volt-ampere characteristics parameters measurement at Standard Test Conditions (STC)
	Parameters of volt-ampere characteristics: Short circuit current (I_{sc}); Open circuit voltage (V_{oc}); Maximum power (P_{MPP}); Fill factor (FF); Efficiency (η)	LST EN IEC 61215-2:2021 chapter 4.7 (MQT 07)	Volt-ampere characteristic parameters measurement at low irradiance 200 W/m ²
	Damp Heat test	LST EN IEC 61215-2:2021 chapter 4.13 (MQT 013)	Damp Heat test in the climatic chamber at +85 °C / 85% RH

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause (if relevant)	Techniques, methods and/or equipment used (where appropriate)
	Insulation test	LST EN IEC 61215-2:2021 chapter 4.15 (MQT 015)	Measurement of insulation resistance in a wet environment

Note. In case of any discrepancies, ambiguities or disputes regarding the subject matter content between the English and Lithuanian versions of the document, the Lithuanian version shall prevail.

The accreditation certificate is signed with a qualified electronic signature as an attachment to the order of the Director of the National Accreditation Bureau, by which it was approved