



# LUMERA SOLAR

# 220W

## Bifacial Solar Module

### Panneau Solaire



**Optimum Operating Voltage (Vmp): 18.25V**

**Optimum Operating Current (Imp): 12.04A**

**Open-Circuit Voltage (Voc): 22V**

**Short-Circuit Current (Isc): 13A**

**Maximum Series Fuse Rating: 15A**

**Dimensions: 1410mm x 700mm x35m  
12KG**

PRODUCT	PERFORMANCE WARRANTY	MATERIALS WARRANTY
LS220WBI	5-year 95% output warranty 10-year 90% output warranty 25-year 80% output warranty	5-year materials and workmanship warranty

Please register your purchase at [www.lumerasolar.com/register/](http://www.lumerasolar.com/register/)

## Limited Warranty Terms and Conditions

### Eligibility and Claims

If the purchaser encounters any defects in materials and workmanship under normal use, such as manufacturing defects or material failures, they must contact the warrantor's technical support team. The technicians will provide instructions and procedures to test, repair, or, if necessary, request that the purchaser ship the product(s) to the technical support team. Based on the results, the warranty service will then be activated. This warranty is exclusively for the original purchaser. If the product is gifted or resold, the new owner must contact the original purchaser to claim the warranty. Original order details are required for any warranty claims. For orders initially shipped within the U.S., the purchaser will bear any additional shipping costs outside the U.S.

### Remedies and Liability

The customer's exclusive remedy and the total liability of the warrantor, including its suppliers and affiliates, for any warranty breach, is limited to either replacing the product or its components, or, in some cases, refunding the product cost. This warranty does not cover labor costs. Products serviced or replaced during the warranty period will not have an extended warranty; they remain under the original warranty period from the initial purchase date. No employee, agent, dealer, or other person is authorized to offer any warranties beyond those expressly provided in this limited warranty.

### Exclusions and Limitations

This warranty does not cover damages or failures due to:

- Normal wear and tear
- Improper installation, operation, or storage
- Insufficient ventilation or inadequate maintenance
- Incorrect handling or transportation
- Unauthorized repairs, modifications, conversions, or additions
- Intentional or accidental misuse, abuse, or neglect
- Contamination with hazardous substances, radiation, or water (unless specified as waterproof by the warrantor)
- Unusual electrical stress, including power surges, uncontrolled voltages and currents, excessive or deficient energy supply, system harmonics, and lighting
- Exposure to extreme temperatures
- Force majeure events such as fires, floods, earthquakes, hurricanes, severe weather, wars, and acts of terrorism

If the warrantor determines the product issue is not due to a manufacturing defect or does not qualify for warranty repair, the purchaser will cover all related costs, including repair, replacement, and transportation. The warrantor is not liable for costs related to installation/removal, electrical system tests, time loss, or other incidental damages.

### Claims Process

To assert the warranty, the purchaser must submit a written request to the warrantor, including a copy of the invoice and a description of the defect, within the warranty period. No product returns will be accepted without prior written authorization from the warrantor. Upon approval, the warrantor will provide an RMA number and a return address. The defective product(s) must be returned within 15 days of receiving the RMA number. The warrantor will not accept returns without a valid RMA number. All replaced parts become the property of the warrantor. The warrantor will use reasonable efforts to repair or replace the defective product(s) within 30 days of receipt. If a warranty claim is invalid, the purchaser will be charged at current service rates for all necessary repairs and expenses. If the claim is valid, the warrantor will cover the cost of shipping the repaired or replaced product(s) back to the purchaser.

### Disclaimers and Limitations

LUMERA SOLAR MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES WILL LUMERA OR ITS AFFILIATES OR SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF USE, BUSINESS INTERRUPTION, LOST PROFITS, OR LOST DATA, REGARDLESS OF THE FORM OF ACTION, EVEN IF ADVISED OF SUCH DAMAGES. Some states / provinces do not allow the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you. Neither Lumera nor its affiliates or suppliers will be responsible for any damage or loss to items or products connected to or powered by the product. The total cumulative liability to the purchaser will not exceed the purchase price of the product.

This warranty provides specific legal rights, and you may have other rights that vary by state / province.

