

LG410N2T-L5 : 410W Bifacial Solar Panel by LG



Price: CAD \$649.00

SKU: LG410N2T-L5

Product Categories: [Discontinued](#)

Product Tags: [410w solar panel](#), [bifacial solar panel](#), [canada](#), [lg 410w](#), [lg bifacial](#), [lg solar](#), [lg410n2t-l5](#), [lg410n2t-l5 canada](#), [solar panel for boats](#)

Product Page:

<https://www.modernoutpost.com/product/lg410n2t-l5-410w-bifacial-solar-panel-by-lg/>

Product Summary

If you own a sailboat or yacht, the LG410N2T-L5 module should be your leading candidate for quiet, reliable electricity. The high efficiency monocrystalline cells, combined with the ability to capture light from both sides of the module, means you will generate more watts per square foot than with any other module on the market today. LG's industry-leading product quality is reflected in their 25-year product warranty, and 25-year performance warranty.

Product Description

If you own a sailboat or yacht, or plan a ground-mount solar installation, the LG410N2T-L5 module should be your leading candidate for quiet, reliable electricity. The high efficiency monocrystalline cells, combined with the ability to capture light from both sides of the module, means you will generate more watts per square foot than with any other module on the market today. LG's industry-leading product quality is reflected in their 25-year product warranty, and 25-year performance warranty.

LG NeON® 2 BiFacial is designed to utilize both sides of the PV module for absorbing more light and generating more energy. It also adopts the prizewinning Cello technology which replaces 4 busbars with 12 thin wires to enhance power output and reliability. It is possible to produce a surplus of output energy with LG NeON® 2 BiFacial compared with normal monofacial modules.

LG410N2T-L5 Features

Bifacial Energy Yield

It is possible to produce 30 % more energy than with conventional modules under optimal conditions.

High Power Output

LG NeON® 2 BiFacial has been designed using LG's new CELLO technology. The cell efficiency on the rear side is only slightly lower than on the front side.

Better Performance on Sunny Days

When modules get hot in the summer sun, their performance declines. LG NeON® 2 BiFacial now performs better than many other modules on sunny days thanks to its improved temperature coefficient. When mounted with good air circulation, it gets even better.

More Power on Cloudy Days

LG NeON® 2 BiFacial gives good performance even on a cloudy day due to its very good weak sunlight performance

Almost Zero LID (Light Induced Degradation)

The n-type cells used in LG NeON® 2 BiFacial have almost no boron, which often causes the initial efficiency drop, of conventional modules.

25-year product warranty

In addition to the extended performance warranty, LG has also extended the product warranty for LG NeON® 2 BiFacial modules to a strong 25 years

LG410N2T-L5 Specifications in Brief

Performance Numbers (STC) : Front Only / With Rear @ 100W/m² / With Rear @ 200W/m²

Maximum Power (P_{max}) [W] : 410 / 435 / 465

MPP Voltage (V_{mpp}) [V] : 41.9 / 41.9 / 41.9

MPP Current (I_{mpp}) [A] : 9.79 / 10.38 / 11.11

Open Circuit Voltage (V_{oc}) [V] : 49.4 / 49.4 / 49.4

Short Circuit Current (I_{sc}) [A] : 10.46 / 11.00 / 11.86

Cells : 72 (6 x 12)

Cell Type : Monocrystalline / N-type

Dimensions (L x W x H) : 2,024 x 1,024 x 40 mm

Front Load : 5,400 Pa

Rear Load : 3,000 Pa

Weight : 21.5 kg

Connector Type : MC4 / MC

Warranty : 25 Years Product & Performance

Certifications

CSA, CE

IEC 61215-1/-1-1 / 2:20161), IEC 61730-1/2:20161),

IEC 61701:2012 Severity 6 (Salt mist corrosion test)

IEC 62716:20131 (Ammonia corrosion test)

ISO 9001, ISO 14001, ISO 50001

Download the Full Datasheet here About LG Solar

LG is one of the major solar manufacturers and innovators worldwide. The company first embarked on a solar energy source research program in 1985, supported by LG Group's vast experience in the semi-conductor, LCD, chemistry and materials industries. In 2010, LG Solar successfully released its first MonoX® series to the market, which is now available in 32 countries. The LG NeON® (previous. MonoX®

NeON), NeON®2, NeON®2 BiFacial won the “Intersolar AWARD” in 2013, 2015 and 2016, which demonstrates LG Solar's lead, innovation and commitment to the industry.

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 22 kg