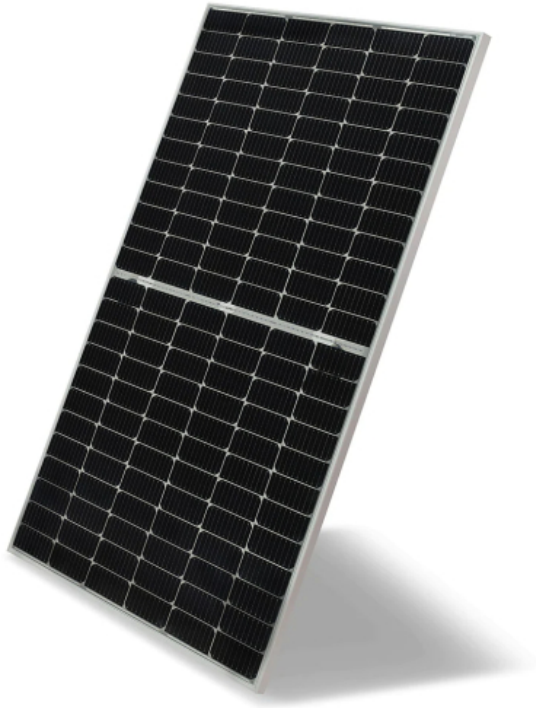


LG430N2T-E6 : 430W Premium Bifacial Solar Module by LG



Price: CAD \$529.00

SKU: LGN2T-E6

Product Categories: [Discontinued](#)

Product Tags: [430w](#), [bifacial](#), [canada](#), [lg 430w](#), [lg bifacial](#), [lg solar canada](#), [lg430n2t-e6](#), [lg430n2t-e6 canada](#), [Solar Module](#), [solar panel](#)

Product Page:

<https://www.modernoutpost.com/product/lg430n2t-e6-430w-premium-bifacial-solar-module-by-lg/>

Product Summary

This is the LG430N2T-E6. A 430W Premium Bifacial Solar Module by LG. LG's full-size bifacial module provides 430W from the front, and up to 30% more from the rear, making this an ideal solution for applications such as ground-mounted

arrays, and boats. Anywhere the installation geometry allows for rear-side illumination either through reflection, or ambient light due to ground albedo (ie snow).

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This High Efficiency LG NeON® H BiFacial Solar Panel is the 72-cell format, but uses 144 half-cut Cells for optimum internal electrical properties and shade mitigation.

LG430N2T-E6 Features

Bifacial Energy Yield

LG NeON® H BiFacial modules use highly efficient bifacial solar cell, “NeON” applied Cello technology. Through the Cello technology, the NeON® H BiFacial solar panel can achieve up to 30% more energy than standard PV module.

Better Performance on a Sunny Day

LG NeON® H BiFacial now performs better on sunny days thanks to its improved temperature coefficient.

More Generation on a Cloudy Day

LG NeON® H BiFacial has good performance even on a cloudy day; weak sunlight conditions case a low energy reduction.

Near Zero LID (Light Induced Degradation)

The n-type cells used in LG NeON® H BiFacial have almost no boron, leading to less LID.

BOS (Balance Of System) Saving

LG NeON® H BiFacial can reduce the total number of strings due to its high module efficiency resulting in a more cost effective and efficient solar power system.

25-Year Warranty

The NeON® H BiFacial series offers a 25-year limited warranty for performance and labor. At 25 years, the modules are guaranteed to produce at least **96.4%** of their labeled power output.

LG430N2T-E6 Specifications In Brief

ELECTRICAL PROPERTIES

Model : LG430N2T-E6

Maximum Power (Pmax) [W] - STC* : 430

Maximum Power (Pmax) [W] - BiFi100** : 460

Maximum Power (Pmax) [W] - BiFi200** : 490

MPP Voltage (Vmpp) [V] - STC* : 40.4

MPP Current (Impp) [A] - STC* : 10.65

MPP Current (Impp) [A] - BiFi100** : 11.39

MPP Current (Impp) [A] - BiFi200** : 12.13

Open Circuit Voltage (Voc) [V] - STC* : 48.6

Short Circuit Current (Isc) [A] - STC* : 11.12

Short Circuit Current (Isc) [A] - BiFi100** : 11.88

Short Circuit Current (Isc) [A] - BiFi200** : 12.66

Power Tolerance [%] 0 ~ +3

GENERAL DATA

Cell Properties (Material/Type) : Monocrystalline/N-typeCell Maker LG

Cell Configuration : 144 Cells (6 x 24)Number of Busbars 9EA

Module Dimensions (L x W x H) 2,130mm x 1,042mm x 40mmWeight 22kg

* STC (Standard Test Condition): Irradiance 1000W/m², Cell temperature 25OC, AM 1.5, Measure Tolerance: 3%

** The electrical properties of BiFi100 and BiFi200 measure under the front side irradiance 1000W/m² + (100W/m² or 200W/m²) x BiFi. Use 100W/m² for BiFi100 and 200W/m² for BiFi200.

[Download the Spec Sheet](#)] [Download the Installation Manual](#)]

Product Attributes

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