

12608 Fall Branch Lane Has Gone Solar!!!!

- Solar panels were purchased from and installed by Victory Solar.
- The 25-year warranty is transferrable and assigned to the home's address. The transfer fee is \$199 which will be at no cost to you.

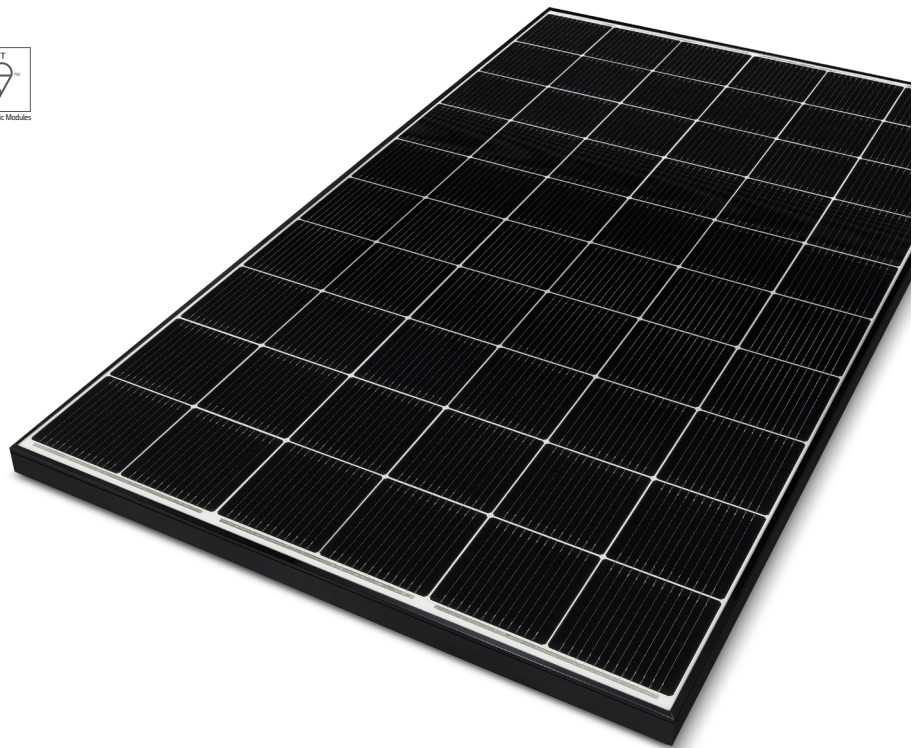
- You are not required to use the panels and can still use standard electricity from any servicing company through Centrepont Energy. If you opt to use them, you will have **FREE ELECTRICITY** unless you exceed the amount of energy generated by the panels. If you exceed the usage, you **ONLY** pay your selected electric company for the extra energy used at the standard rate that you agree to in your contract; however, you will still have **TREMENDOUS** savings.
- Some electricity companies will pay you for the unused energy that you generate OR you can store it to cover any months in which your usage may exceed what you generate. Reliant and Green Mountain are two of the companies that I am aware of that offer the buyback option.
- I use Green Mountain Energy. When I set up service with their company, they offered to pay a higher premium for any unused energy. As such, I currently have a credit from unused energy that is valued at **\$683!!!** I can request that they send me a check OR I can allow the excess energy to remain on reserve in case I use more than I generate over time. There is NO expiration date.
- In the event there is a power outage, you contact the electric company just as you would if you don't use the panels. I have not had any issues with the panels since they were installed. You call the standard customer service number for Victory Solar if the electric company advises you of any potential problems related to the panels. Remember, the panels are covered under warranty and if the Centerpoint Grid is working you will have power!
- If power is loss as anytime it's restored by your servicing electric company because you are connected to the power grid. They are the conduit for your solar energy.
- Because this home is energy efficient the solar energy goes a long way. The windows were inspected and six were replaced in 2020 to make certain that there were no broken seals that compromised the energy efficiency of the home. Heating and cooling a home this size can be costly.
- You will receive a bi-weekly email that tells you how much energy you generated and how much you used!
- If you have any additional questions, please feel free to relay them via your realtor. This is a huge money saver and you can have one less bill to pay monthly!

LG NeON[®] 2

60

360W | 355W | 350W

The LG NeON[®] 2 is one of the most powerful and versatile modules on the market today. Featuring LG's Cello Technology in monocrystalline n-type solar cells, the LG NeON[®] 2 increases power output. Now includes a 25 years product and 90.1% performance warranty for higher performance and reliability. The new LG NeON[®] 2 has been designed with aesthetics in mind using new cell design.



Feature



Enhanced Performance Warranty

LG NeON[®] 2 has an enhanced performance warranty. After 25 years, LG NeON[®] 2 is guaranteed to perform at minimum 90.1% of initial performance.



Enhanced Product warranty

LG has extended the warranty of the NeON[®] 2 to 25 years, which is among the top of industry standards.

About LG Electronics

LG Electronics is a global big player, committed to expanding its operations with the solar market. 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 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.



LG NeON[®]2

LG360N1C-N5 | LG355N1C-N5 | LG350N1C-N5

General Data

Cell Properties(Material / Type)	Monocrystalline / N-type
Cell Maker	LG
Cell Configuration	60 Cells (6 x 10)
Number of Busbars	12EA
Module Dimensions (L x W x H)	1,700mm x 1,016mm x 40 mm
Weight	18.0 kg
Glass(Material)	Tempered Glass with AR Coating
Backsheet(Color)	White
Frame(Material)	Anodized Aluminium
Junction Box(Protection Degree)	IP 68 with 3 Bypass Diodes
Cables(Length)	1,000 mm x 2EA
Connector(Type / Maker)	MC 4 / MC

Certifications and Warranty

Certifications	IEC 61215-1/-1-1/2:2016, IEC 61730-1/2:2016
	ISO 9001, ISO 14001, ISO 50001
	OHSAS 18001
Salt Mist Corrosion Test	IEC 61701:2012 Severity 6
Ammonia Corrosion Test	IEC 62716 : 2013
Hail Test	25mm (1") diameter at 23 m/s (52 mph)
Fire Rating	Class C (UL 790)
Solar Module Product Warranty	25 Years
Solar Module Output Warranty	Linear Warranty*

* 1) First year : 98% 2) After 1st year : 0.33% annual degradation, 3) 90.1% for 25 years

Temperature Characteristics

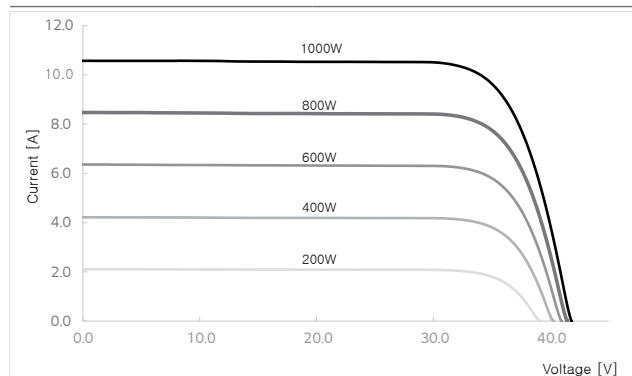
NMOT*	[°C]	42 ± 3
Pmax	[%/°C]	-0.34
Voc	[%/°C]	-0.26
Isc	[%/°C]	0.03

* NMOT (Nominal Module Operating Temperature): Irradiance 800 W/m², Ambient temperature 20 °C, Wind speed 1 m/s, Spectrum AM 1.5

Electrical Properties (NMOT)

Model	LG360N1C-N5	LG355N1C-N5	LG350N1C-N5	
Maximum Power (Pmax)	[W]	270	266	263
MPP Voltage (Vmpp)	[V]	33.0	32.6	32.2
MPP Current (Imp)	[A]	8.20	8.17	8.15
Open Circuit Voltage (Voc)	[V]	39.2	39.1	39.0
Short Circuit Current (Isc)	[A]	8.71	8.68	8.64

I-V Curves



Electrical Properties (STC*)

Model	LG360N1C-N5	LG355N1C-N5	LG350N1C-N5	
Maximum Power (Pmax)	[W]	360	355	350
MPP Voltage (Vmpp)	[V]	35.1	34.7	34.3
MPP Current (Imp)	[A]	10.28	10.25	10.22
Open Circuit Voltage(Voc, ± 5%)	[V]	41.6	41.5	41.4
Short Circuit Current(Isc, ± 5%)	[A]	10.84	10.80	10.76
Module Efficiency	[%]	20.8	20.6	20.3
Power Tolerance	[%]	0 ~ +3		

* STC (Standard Test Condition): Irradiance 1000 W/m², Cell temperature 25 °C, AM 1.5, Measurement Tolerance of Pmax : ± 3%

Operating Conditions

Operating Temperature	[°C]	-40 ~ +90
Maximum System Voltage	[V]	1000(IEC)
Maximum Series Fuse Rating	[A]	20
Mechanical Test Load* (Front)	[Pa / psf]	5,400 / 113
Mechanical Test Load* (Rear)	[Pa / psf]	4,000 / 84

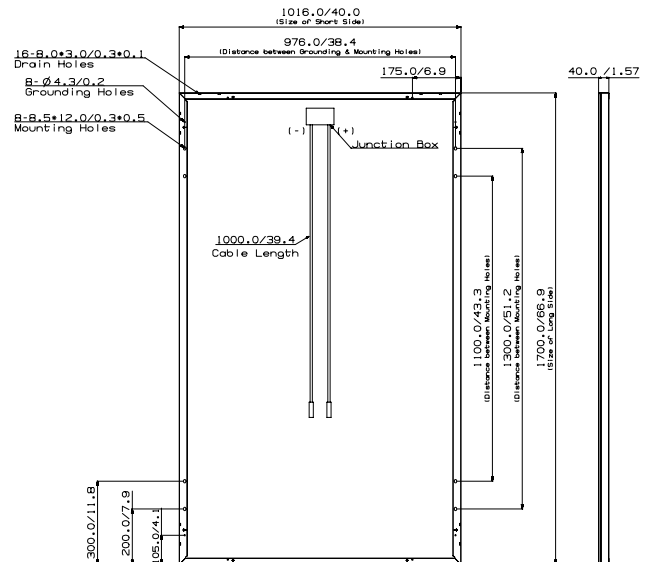
* Based on IEC 61215-2 : 2016 (Test Load = Design Load x Safety Factor(1.5))

※ Mechanical Test Loads 6,000Pa / 5,400Pa based on IEC 61215:2005

Packaging Configuration

Number of Modules per Pallet	[EA]	25
Number of Modules per 40ft HQ Container	[EA]	650
Packaging Box Dimensions (L x W x H)	[mm]	1,750 x 1,120 x 1,221
Packaging Box Gross Weight	[kg]	464

Dimensions (mm / inch)



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Product specifications are subject to change without notice.
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