

Quote from [Nova Solar](#)

Select installer

Contact installer



Need help with your quotes?

[Talk to Danielle, your Energy Advisor](#)

Hey Billiam! Here's your personalized quote from [Nova Solar](#)

📍 55 MILES AWAY FROM 46731 AL MAR ST



5

EnergySage Rating
⚡ [136 Reviews](#)



5

Google Rating
🔍 [119 Reviews](#)



Nova Solar has become the most trusted name in solar for DC, Maryland, and Virginia because of our commitment to quality, honesty and value. As a referral-based business, we believe educating customers about the benefits of solar and helping them weigh all their options is the best way to produce happy customers and grow the industry as a whole.

...

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Solar only

Solar with battery

Upfront cash price

\$38,000

Monthly loan amount

\$217

This number is what you'll pay each month during the financing term. Depending on the loan structure, you may have higher payments for the first 12–24 months until you use your tax credit to pay down the principal.

Payback period

9.7 years

Electricity needs met

101%

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Request changes

Quote details



System design

Number of panels ⓘ

27

Watts per panel ⓘ

430

Number of inverters ⓘ

27

System size ⓘ

11.6 kW

Year 1 production estimate ⚡

16,409 kWh

Electricity need met ⓘ

101%

Panel mount location ⓘ

Roof

Monitoring system

Monitoring system brand ⓘ

[Tesla](#) ↗

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[430W Alpha Pure 2 ProTrust War...](#)

Panel quality

Excellent

Panel warranty

25 years

[View spec sheet](#)

Electric inverter

Inverter manufacturer

[Enphase Energy](#)

Inverter model

[IQ8MC-72-M-US @240 VAC](#)

Inverter quality

Excellent

Inverter type

Microinverter

Inverter warranty

25 years

Battery system design

Number of battery units

1

Usable capacity per unit

13.5 kWh

Total usable capacity

13.5 kWh

Continuous power per unit

11.5 kW

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PowerWall 3

Backup enabled? ⓘ

Yes

Battery quality ⓘ

Excellent

Battery warranty years ⓘ

10 years

Battery warranty cycles ⓘ

N/A

Additional information

Further details

Enphase microinverters are only used for non-battery systems. They will not be needed if you choose a system that includes a battery.

Hardware/installation

Nova Solar uses IronRidge racking, which has the greatest engineering strengths of any racking manufacturer. We guarantee to have a NABCEP Certified technician on every project and premium installation practices like attic wire routing come standard with all our installations.

By going solar, you can save...

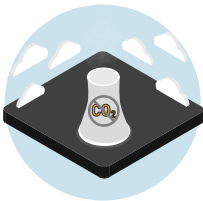


\$58,938

with solar panels over 25 years

\$49,845

with solar panels + battery over 25 years



316

tons of CO2 over 25 years

=

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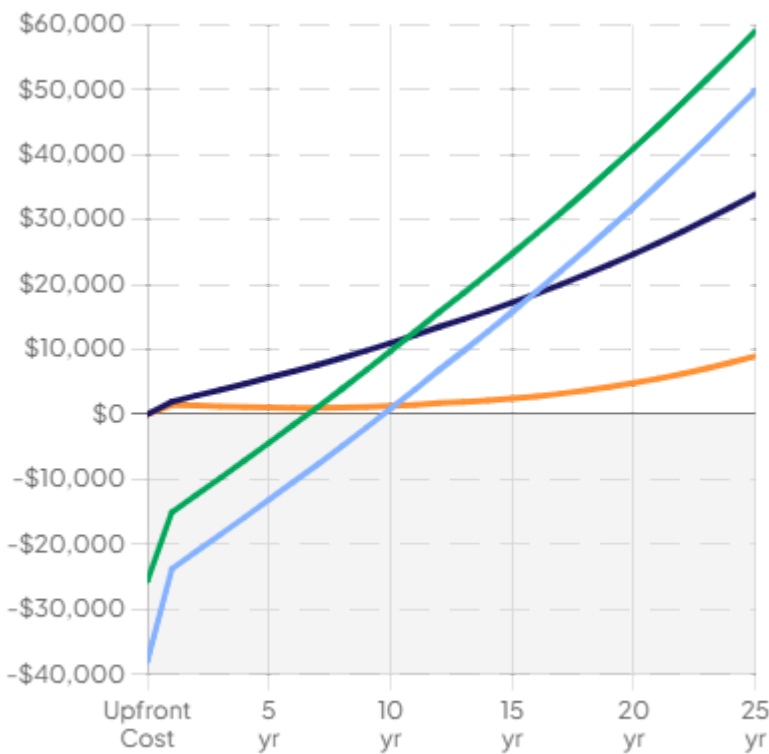
OR



32,285

gallons of gas burned over 25 years

Your estimated savings over 25 years



Financing:

- Upfront Purchase
- Upfront Purchase with Battery
- Loan
- Installer’s Loan Option with Battery

About the installer

Nova Solar has become the most trusted name in solar for DC, Maryland, and Virginia because of our commitment to quality, honesty and value. As a referral-based business, we believ... [Show more](#)

Areas of service

DC, MD, VA

Installation warranty

25 years

[View full company details](#)

Your financing options in detail ⓘ

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Initial monthly payment ⓘ

\$0

\$170

\$ spent over 25 years	\$25,600	\$50,651
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\$ per unit of energy ⓘ	\$0.04	\$0.10
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Estimated benefits of solar	Cash	Installer's loan
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Savings on electric bills ⓘ	\$56,297	\$31,246
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Production incentives ⓘ	\$2,640	\$2,640
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Total 25-year benefit ⓘ	\$58,938	\$33,886
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Payback period ⓘ	6.6 years	0 years
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Financial return ⓘ	14.5%	N/A
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Net system price	Cash	Installer's loan
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Gross system price ⓘ	\$33,100	\$41,184
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Less: Rebates ⓘ	-\$7,500	-\$7,500
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= System price after rebates ⓘ	\$25,600	\$33,684
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Less: Federal ITC ⓘ	-\$7,680	-\$7,680
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= Net system price ⓘ	\$17,920	\$26,004
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Price per watt	Cash	Installer's loan
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Gross system price ⓘ	\$33,100	\$41,184
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/ System size in Watts ⓘ	11,610	11,610
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= Price per Watt (\$/W) ⓘ	\$2.85	\$3.55
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Down payment ⓘ	N/A	\$0
Monthly payment ⓘ	N/A	\$146
Financing term ⓘ	N/A	25 years
Loan amount ⓘ	N/A	\$33,684
Interest rate ⓘ	N/A	4.490%

Storage Financing ⓘ



Battery price	Cost
Gross system cost with battery ⓘ	\$45,500
Gross battery system price ⓘ	\$12,400
= System price after rebates ⓘ	\$12,400
Less: Federal ITC ⓘ	-\$3,720
Net battery cost ⓘ	\$8,680
Net system cost with battery ⓘ	\$26,600
Price per kilowatt-hour	Cost
Gross battery system price ⓘ	\$12,400
Total usable capacity ⓘ	13.5 kWh
Price per kilowatt-hour (\$/kWh) ⓘ	\$919

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25-year savings	\$8,949	\$55,886
Monthly payment	\$217	\$146
Monthly savings	\$0	\$49
Payback period	0 years	0 years
\$ spent over life of loan	\$76,485	\$51,528
Loan term	25 years	25 years
Interest rate	4.490%	4.490%

Financing Notes

Cash Purchase

What's covered by installation warranty

Nova Solar has an industry-leading 25-year end-to-end warranty. Any defects that occur within the first 25 years of the system’s life will be fixed at no cost to the homeowner.

Loan

Additional notes

Nova Solar works with a multitude of lenders to offer the lowest all-in cost of financing. The approximate monthly payment for your 11.61kW system is \$260.05.

Media

Uploads

Your next steps

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Select **Nova Solar** to install your system. You'll work with them to finalize system and contract details. After you've confirmed, we'll let all installers know of your decision.



Send a message

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The installer's scheduling system may ask for your email or phone number to contact you directly. If you prefer, you can schedule using the [Message Center](#).



Request site visit

Use the Message Center to schedule a time for the installer to look at your property and discuss options in person.



Request changes

Ask the installer to provide an update to your quote based on your preferences for financing, equipment, and more.



Call installer

Phone number: 703-679-8607

Messages

[View all messages](#)



New quote from Nova Solar (0)

2 days ago

Hi Billiam, Did you receive the message I sent you on Mon, Jul 14, 2025? Regards, LB C Kouchacji



✔ We're here to help

Our Energy Advisors provide expert, unbiased energy advice at no cost to you. **No annoying sales pitches, and no spam calls.**

Schedule a call

* EnergySage calculates the values above based on: values provided by the installer for this quote, installer-estimated loan terms assuming good credit history, the electric bill information you provided, historical market utility rate data, an energy cost inflation estimate of 2.3% (source: EIA 10-year MD avg.), Federal ITC (Investment Tax Credit) of 30% of net cost for purchases, and [carbon conversion factors provided by the US EPA](#)

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solutions affordable and accessible to all.

Our offerings

- Home solar
- Community solar
- Heating & cooling
- Backup power
- EV charging
- For your business
- Other energy options

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- Careers
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- Community programs
- Utility programs
- Others



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