

Solar Inspection Certificate



Sprk Certified Solar Home

Address: 1250 S. Main St. Edmonton, AB

Sqft: 2,450 Built: 2001 Client: John Doe Inspection Date: 8/15/2023 Inspection Time: 11:30 AM Weather: Sunny, 97° F



08/15/2023 214806117

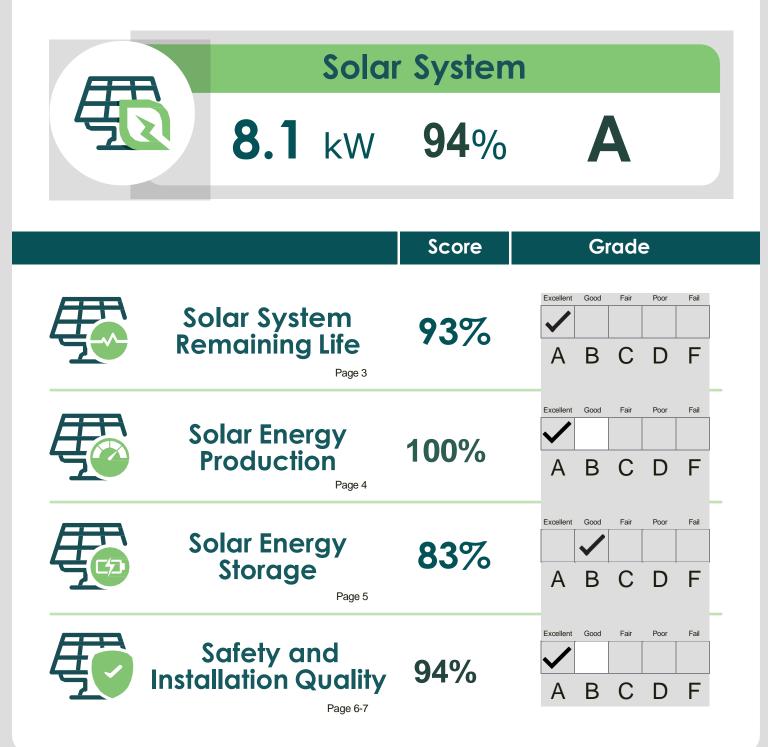




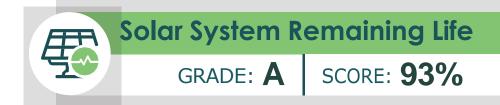
This inspection and report is not a warranty, guarantee or insurance policy for the inspected solar system or home.



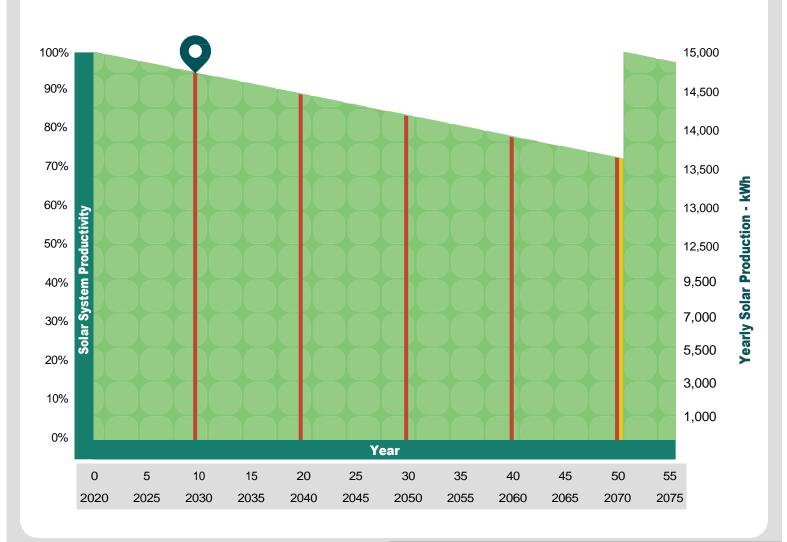
Solar Inspection Summary

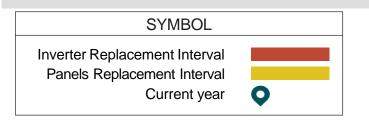


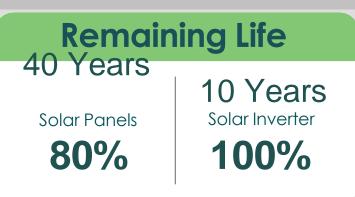




Life Cycle of a Solar System



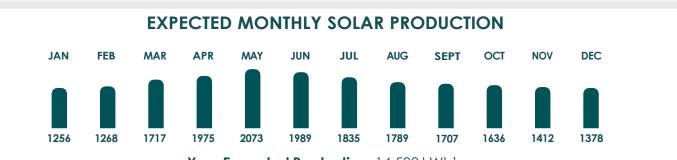






Solar Energy Production

GRADE: **A** SCORE: **100%**



Year Expected Production: 14,500 kWh's

Solar Production Health				
Measured energy output per year in kWh	13,500			
SCORE	100%			



Solar Panel Orientation Optimization			
Southern	2	4%	
Western	21	45%	
Eastern	18	40%	
Northern	5	11%	
SCORE	94	%	



Solar Inverter				
Solar system size	8,100	watte		
Inverter size	6,600	watts		
Actual solar to inverter(s) ratio 80%)%		
Ideal solar to inverter(s) ratio	80%			
Inverter type	r type String			
SCORE	100)%		



Solar Mo	onitoring	Solar Bre	aker Size
Solar equipped with monitoring		Actual	Expected
🖂 Yes	🗌 No	25	25
SCORE	100%	SCORE	100%
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Battery Storage		
oes the home have backup energy?	 □ No ☑ Partial home □ Full home 	TESLA
SCORE	60%	
Battery Storage Info	mation	
Battery installation date	2022	TESLA AC POREWALL GIID SUPPORT UTLITY-INTERCONNETED
Battery age	1 year	
Battery manufacturer	Tesla	
Battery warranty	10 years	Extension from the 10 ¹⁰ grad of the 10 ¹⁰ The tension of the 10 ¹⁰ grad of the 10 ¹⁰ Exercises Theremose the the 00 ¹⁰ states of the 10 ¹⁰ Exercises Theremose the the 00 ¹⁰ states of the 10 ¹⁰ Exercises Theremose the the 00 ¹⁰ states of the 10 ¹⁰ Exercises Theremose the the 00 ¹⁰ states of the 10 ¹⁰ Exercises Theremose the 00 ¹⁰ states of the 10 ¹⁰ Exercises Theremose the 00 ¹⁰ states of the 10 ¹⁰ Exercises Theremose the 00 ¹⁰ states of the 10 ¹⁰ Exercises Theremose the 00 ¹⁰ states of the 10 ¹⁰ Exercises Theremose the 00 ¹⁰ Exercises
Remaining warranty	9 years	
Battery storage capacity	13 kWhs	
Battery count	1	
otal battery storage capacity	13 kWhs	
Net Metering		
Solar equipped with utility net metering?	⊠ Yes □ No	

SCORE

100%

Patent Pending www.sprkhome.com | Page 5



Safety and Installation Quality

GRADE: A SCORE: 94%

Solar Breaker and Conduit Labeled				
Solar breaker labeled?	✓ Yes☐ No			
Solar conduit labeled?	☐ Yes ☑ No			
SCORE	50%			





Solar Label on Exterior of E	lectrical Panel
Electrical panel labeled for solar?	✓ Yes☐ No
SCORE	100%

Solar Panel Clamps				
Any loose solar panel clamps?	☐ Yes ☑ No			
SCORE	100%			



	Solar Wire Management				
	Any solar wires touching the roof?	☐ Yes ☑ No			
	SCORE	100%			
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Safety and Installation Quality

GRADE: A SCORE: 94

Fire Code Setbac	Fire Code Setbacks		
Fire code setback violations?	☐ Yes ☑ No	Pest proofing installed?	☐ Yes ☑ No
SCORE	100%	SCORE	0%
Solar Panels with Bro		Other Visible Dama	age
Broken solar panels?	☐ Yes ☑ No	Other solar system damage?	☐ Yes ☑ No
SCORE	100%	SCORE	100%

COMMENTS





Solar System Deta	ils		Inverter Det	ails		
Solar System Size	8.1 kV	V	Inverter Type		String	g
Installation Date	2015		Inverter Manufac	turer	SMA	
Age of Solar System	10 Ye	ars	Inverter Age		0 Yea	ars
Annual kWh Production	13,810	C	Inverter Wattage		7,600)
Annual Market Value of Energy Produced	\$2,48	5	Original Inverter Warranty		10 Ye	ears
Monthly Market Value of Energy Produced	1,150		Remaining Warra Time	nty	10 Ye	ears
Monthyl Market Value	\$207		Monitoring Acces	SS	Yes	
Solar System Deta	ils	Solar Array #1	Solar Array #2	Solar Ar	ray #3	Solar Array #4
Solar Azimuth		180	270			
Solar Panel Count		19	18			
Panel Wattage		225	225			
Array Size in kW		4.1	4.0			
Solar Panel Manufacturer		Solar World	Solar World			
Solar Warranty		25 Years	25 Years			
Veen 1 W/h Dreduction		7 605	6,115			
Year 1 kWh Production		7,695	0,115			

Solar Installer Details

Solar Installer	Titan Solar
Still in Business	No
Workmanship Warranty	10 Years
Phone Number	1(800) 921-2998
Email	support@titansolar.com



OWNED SOLAR

3 STEPS TO BUY A SOLAR HOME

Phase 1: Collaborate

- Step 1: Obtain solar information from Seller
- Step 2: Learn about the solar home

Phase 2: Connect

Step 3: Optimize your solar home

PHASE ONE: COLLABORATE ONCE HOME PURCHASE CONTRACT IS SIGNED

Step 1: Obtain solar information from Seller

- □ Share this Step-By-Step Guide with your agent
 - Obtain from Seller or Generate Your Own:
 - □ Green Home Transaction Certificate and Green Home Buyer report link □ Any other solar documentation

Step 2: Learn about the solar home

- □ Review Green Home Buyer Report
- □ Review solar documentation
- □ Share the Green Home Transaction Certificate with:
 - Real Estate Agent
 - ☐ Title/Escrow Agent
- Order a Solar Inspection Certificate from a Sprk Certified Home Inspector
- Order a Green Home Appraisal Certificate from Sprk Certified Loan Officer

PHASE TWO: CONNECT ONCE THE CLOSE OF ESCROW

Step 3: Optimize your solar home

- □ Contact the electricity utility company to:
 - □ Transfer service into your name, rather than shutting off electricity
 - □ Transfer the existing net metering agreement into your name
- ☐ Get solar monitoring info from Seller ☐ Connect solar monitoring to your wifi
- Contact solar installer to troubleshoot any solar issues
- Leverage Spark Green Home Energy/Buyer Report to optimize your new home
- Clean solar panels annually

DOCS SOLAR DOCUMENTS

- Solar Installation Agreement
- □ Electricity Utility Net Meter/Billing Agreement
- Solar Panel Warranty
- Solar Inverter Warranty
- Battery Warranty
- □ Green Home Reports from Sprk: Energy/Buyer Report / Transaction Certificate / Inspection Certificate / Appraisal Certificate

SUYER A