
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934
(Amendment No. 12)*

Power Solutions International, Inc.

(Name of Issuer)

Common Stock, par value \$0.001 per share

(Title of Class of Securities)

73933G202

(CUSIP Number)

02/05/2025

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

SCHEDULE 13G

CUSIP No. 73933G202

Names of Reporting Persons

1

Neil Gagnon

Check the appropriate box if a member of a Group (see instructions)

2

- (a)
 (b)

3

Sec Use Only

Citizenship or Place of Organization

4

UNITED STATES

	Sole Voting Power
5	127,268.00
Number of Shares Beneficially Owned by Each Reporting Person With:	Shared Voting Power
6	995,086.00
	Sole Dispositive Power
7	127,268.00
	Shared Dispositive Power
8	1,013,986.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person
	1,141,254.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
	<input type="checkbox"/>
11	Percent of class represented by amount in row (9)
	5.0 %
12	Type of Reporting Person (See Instructions)
	IN

SCHEDULE 13G

CUSIP No. 73933G202

1	Names of Reporting Persons
	Gagnon Securities LLC
	Check the appropriate box if a member of a Group (see instructions)
2	<input type="checkbox"/> (a)
	<input checked="" type="checkbox"/> (b)
3	Sec Use Only
4	Citizenship or Place of Organization
	DELAWARE
	Sole Voting Power
5	0.00
Number of Shares Beneficially Owned by Each Reporting Person With:	Shared Voting Power
6	563,695.00
	Sole Dispositive Power
7	0.00
	Shared Dispositive Power
8	575,820.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person
	575,820.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
	<input type="checkbox"/>

11 Percent of class represented by amount in row (9)
2.5 %
Type of Reporting Person (See Instructions)
12 BD, IA

SCHEDULE 13G

CUSIP No. 73933G202

Names of Reporting Persons

1 Gagnon Advisors, LLC
Check the appropriate box if a member of a Group (see instructions)

2 (a)
 (b)

3 Sec Use Only
Citizenship or Place of Organization

4 DELAWARE

Sole Voting Power

5 0.00

Number of Shares Beneficially Owned by Each Reporting Person With:

6 Shared Voting Power
335,457.00

Sole Dispositive Power

7 0.00

8 Shared Dispositive Power
335,457.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9 335,457.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

Percent of class represented by amount in row (9)

11 1.5 %

Type of Reporting Person (See Instructions)

12 IA

SCHEDULE 13G

Item 1.

Name of issuer:

(a) Power Solutions International, Inc.

Address of issuer's principal executive offices:

(b) 201 Mittel Drive, Wood Dale, IL 60191

Item 2.

Name of person filing:

Neil Gagnon has sole voting and dispositive power over 127,268 shares of the Issuer's Common Stock, par value \$0.001 per share (the "Common Stock"). In addition, Mr. Gagnon has shared voting power over 995,086 shares of Common Stock and shared dispositive power over 1,013,986 shares of Common Stock. Mr. Gagnon is the managing member and principal owner of Gagnon Securities LLC ("GS"), an investment adviser registered with the U.S. Securities and Exchange Commission ("SEC") under the Investment Advisers Act of 1940, as amended (the "Advisers Act"), and a registered broker-dealer, in its role as investment manager to several customer accounts, foundations, partnerships and trusts (collectively, the "Accounts") to which it furnishes investment advice. GS and Mr. Gagnon may be deemed to share voting power with respect to 563,695 shares of Common Stock held in the Accounts and dispositive power with respect to 575,820 shares of Common Stock held in the Accounts. GS and Mr. Gagnon expressly disclaim beneficial ownership of all securities held in the Accounts. Mr. Gagnon is also the Chief Executive Officer of Gagnon Advisors, LLC ("Gagnon Advisors"), an investment adviser registered with the SEC under the Advisers Act. Mr. Gagnon and Gagnon Advisors, in its role as investment manager to Gagnon Investment Associates, LLC ("GIA"), a private investment fund, may be deemed to share voting and dispositive power with respect to the 335,457 shares of Common Stock held by GIA. Gagnon Advisors and Mr. Gagnon expressly disclaim beneficial ownership of all securities held by GIA.

(a)

Address or principal business office or, if none, residence:

(b)

1370 Ave. of Americas, 26th Floor, New York, NY 10019

Citizenship:

(c)

Gagnon Securities LLC Delaware limited liability company Gagnon Advisors, LLC Delaware limited liability company Neil Gagnon USA

Title of class of securities:

(d)

Common Stock, par value \$0.001 per share

CUSIP No.:

(e)

73933G202

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
- (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:
- (k) Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

Amount beneficially owned:

(a)

Gagnon Securities LLC 575,820 Gagnon Advisors, LLC 335,457 Neil Gagnon 1,141,254

Percent of class:

(b)

Gagnon Securities LLC 2.5% Gagnon Advisors, LLC 1.5% Neil Gagnon 5.0% Calculation of percentage of beneficial ownership is based on 22,999,616 Common Stock outstanding as of October 31, 2024, based on the Issuer's Form 10-Q filed with the Securities and Exchange Commission on November 7, 2024. %

(c)

Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

Gagnon Securities LLC 0 Gagnon Advisors, LLC 0 Neil Gagnon 127,268

(ii) Shared power to vote or to direct the vote:

Gagnon Securities LLC 563,695 Gagnon Advisors, LLC 335,457 Neil Gagnon 995,086

(iii) Sole power to dispose or to direct the disposition of:

Gagnon Securities LLC 0 Gagnon Advisors, LLC 0 Neil Gagnon 127,268

(iv) Shared power to dispose or to direct the disposition of:

Gagnon Securities LLC 575,820 Gagnon Advisors, LLC 335,457 Neil Gagnon 1,013,986

Item 5. Ownership of 5 Percent or Less of a Class.

Ownership of 5 percent or less of a class

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under ?? 240.14a-11.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Neil Gagnon

Signature: /s/ Neil Gagnon

Name/Title: Neil Gagnon

Date: 02/14/2025

Gagnon Securities LLC

Signature: /s/ Neil Gagnon

Name/Title: Neil Gagnon/Managing Member

Date: 02/14/2025

Gagnon Advisors, LLC

Signature: /s/ Neil Gagnon

Name/Title: Neil Gagnon/Chief Executive Officer

Date: 02/14/2025