

**UNITED STATES SECURITIES AND EXCHANGE  
COMMISSION**

Washington, D.C. 20549

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF  
SECURITIES**

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Gagnon Neil</u> <hr/> (Last) (First) (Middle) 1370 AVENUE OF THE AMERICAS 24TH FLOOR <hr/> (Street) NEW YORK NY 10019 <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 01/27/2022	3. Issuer Name and Ticker or Trading Symbol <u>POWER SOLUTIONS INTERNATIONAL, INC. [ PSIX ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock, par value \$0.001 per share	431,740 <sup>(1)</sup>	D	
Common Stock, par value \$0.001 per share	626,584	I	As Managing Member of General Partner of Gagnon Investment Associates
Common Stock, par value \$0.001 per share	70,180	I	As Managing Member of General Partner of Darwin Partnership
Common Stock, par value \$0.001 per share	109,043	I	As Limited Partner of the Family Partnership
Common Stock, par value \$0.001 per share	14,852	I	As Trustee of Gagnon Securities LLC Profit Sharing Plan

**Table II - Derivative Securities Beneficially Owned  
(e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				

**Explanation of Responses:**

1. Neil Gagnon serves as the Chief Executive Officer of Gagnon Advisors, LLC and is the managing member and principal owner of Gagnon Securities LLC, each of which provide investment management services to investment vehicles and managed accounts (collectively, the "Accounts"), and as such, has investment discretion with respect to the Accounts. Mr. Gagnon's interest in the securities reported herein is limited to the extent of his pecuniary interest in each of the Accounts, if any.

/s/ Neil Gagnon

02/01/2022

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.