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**SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

**SCHEDULE 13D**

Under the Securities Exchange Act of 1934

**(Amendment No. 9)\***

**POWER SOLUTIONS INTERNATIONAL, INC.**

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**(Name of Issuer)**

**Common Stock, par value \$0.001 per share**

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**(Title of Class of Securities)**

**73933G202**

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**(CUSIP Number)**

**Weichai America Corp.**  
**Attn: Jinguang Liu (aka Jin Liu), 3100 Golf Road**  
**Rolling Meadows, IL, 60008**  
**(855-922-9001)**

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**(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)**

**08/26/2025**

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**(Date of Event Which Requires Filing of This Statement)**

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

The information required on the remainder of this cover page shall not be deemed to be “filed” for the purpose of Section 18 of the Securities Exchange Act of 1934 (“Act”) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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**SCHEDULE 13D**

**CUSIP No. 73933G202**

Name of reporting person

1

Weichai America Corp.

2

Check the appropriate box if a member of a Group (See Instructions)

(a)

(b)

3 SEC use only  
Source of funds (See Instructions)

4 OO  
5 Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)

Citizenship or place of organization

6 ILLINOIS

Sole Voting Power

7

0.00

Number of  
Shares

Shared Voting Power

Beneficially 8

10,716,152.00

Owned by

Sole Dispositive Power

Each

9

0.00

Reporting

Person

Shared Dispositive Power

With:

10

10,716,152.00

Aggregate amount beneficially owned by each reporting person

11 10,716,152.00

12 Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)

Percent of class represented by amount in Row (11)

13 46.5 %

Type of Reporting Person (See Instructions)

14 CO

**Comment for Type of Reporting Person:** 1. The number of shares beneficially owned represents 10,716,152 shares of Common Stock held by the Reporting Persons. 2. The beneficial ownership percentage is calculated in accordance with Rule 13d-3 under the Securities Exchange Act of 1934, as amended, based upon information from the Issuer's Quarterly Report on Form 10-Q filed on August 8, 2025 that, as of July 31, 2025, there were 23,029,846 shares of Common Stock outstanding.

## SCHEDULE 13D

**CUSIP No.** 73933G202

Name of reporting person

1 Weichai Power Co., Ltd.

Check the appropriate box if a member of a Group (See Instructions)

(a)

(b)

3 SEC use only  
Source of funds (See Instructions)

4 OO  
5 Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)

Citizenship or place of organization  
6 CHINA  
Sole Voting Power  
7 0.00  
Number of Shares Beneficially Owned by Each Reporting Person With:  
8 Shared Voting Power  
10,716,152.00  
Sole Dispositive Power  
9 0.00  
Shared Dispositive Power  
10 10,716,152.00  
Aggregate amount beneficially owned by each reporting person  
11 10,716,152.00  
Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)  
12  
  
Percent of class represented by amount in Row (11)  
13 46.5 %  
Type of Reporting Person (See Instructions)  
14 CO

**Comment for Type of Reporting Person:** 1. The number of shares beneficially owned represents 10,716,152 shares of Common Stock held by the Reporting Persons. 2. The beneficial ownership percentage is calculated in accordance with Rule 13d-3 under the Securities Exchange Act of 1934, as amended, based upon information from the Issuer's Quarterly Report on Form 10-Q filed on August 8, 2025 that, as of July 31, 2025, there were 23,029,846 shares of Common Stock outstanding.

## SCHEDULE 13D

**CUSIP No.** 73933G202

1 Name of reporting person  
Shandong Heavy Industry Group Co., Ltd.  
Check the appropriate box if a member of a Group (See Instructions)  
2  
 (a)  
 (b)  
3 SEC use only  
Source of funds (See Instructions)  
4 OO  
Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)  
5  
  
Citizenship or place of organization  
6 CHINA  
Number of Shares Beneficially Owned by Each  
7 Sole Voting Power  
0.00  
8 Shared Voting Power

Reporting Person	10,716,152.00
With:	Sole Dispositive Power
9	0.00
	Shared Dispositive Power
10	10,716,152.00
	Aggregate amount beneficially owned by each reporting person
11	10,716,152.00
	Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)
12	<input type="checkbox"/>
	Percent of class represented by amount in Row (11)
13	46.5 %
	Type of Reporting Person (See Instructions)
14	CO

**Comment for Type of Reporting Person:** 1. The number of shares beneficially owned represents 10,716,152 shares of Common Stock held by the Reporting Persons. 2. The beneficial ownership percentage is calculated in accordance with Rule 13d-3 under the Securities Exchange Act of 1934, as amended, based upon information from the Issuer's Quarterly Report on Form 10-Q filed on August 8, 2025 that, as of July 31, 2025, there were 23,029,846 shares of Common Stock outstanding.

## SCHEDULE 13D

### Item 1. Security and Issuer

Title of Class of Securities:

(a) Common Stock, par value \$0.001 per share

Name of Issuer:

(b) POWER SOLUTIONS INTERNATIONAL, INC.

Address of Issuer's Principal Executive Offices:

(c) 201 Mittel Drive, Wood Dale, ILLINOIS , 60191.

**Item 1 Comment:** This constitutes Amendment No. 9 ("Amendment No. 9") to the Schedule 13D relating to the shares of Common Stock of Power Solutions International, Inc. (the "Issuer") as filed with the SEC on April 7, 2017, as amended by Amendment No. 1, Amendment No. 2, Amendment No. 3, Amendment No. 4, Amendment No. 5, Amendment No. 6, Amendment No. 7 and Amendment No. 8 as filed with the SEC on August 10, 2017, December 5, 2017, August 31, 2018, October 3, 2018, April 26, 2019, August 15, 2025, August 19, 2025 and August 25, 2025, respectively (as so amended, the "Schedule 13D"), by Weichai America Corp. ("Weichai America"), Weichai Power Co., Ltd. ("Weichai Power"), and Shandong Heavy Industry Group Co., Ltd. ("SHIG") (each of Weichai America, Weichai Power, and SHIG a "Reporting Person" and collectively the "Reporting Persons"). Capitalized terms used in this Amendment No. 9 without being defined herein have the respective meanings given to them in the Schedule 13D. This Amendment No. 9 is being filed by the Reporting Persons to report the open market sales by Weichai America of an aggregate of 232,683 shares of the Issuer's Common Stock pursuant to Rule 144 under the Securities Act of 1933, as amended ("Rule 144"), through a broker-dealer from August 22, 2025 to August 26, 2025 (the "Sales"). The Sales resulted in a decrease of over one percent (1%) in the aggregate percentage ownership reported by the Reporting Persons in Amendment No. 8 to the Schedule 13D. Except as specifically amended by this Amendment No. 9, this Schedule 13D is not modified or revised in any way.

### Item 2. Identity and Background

(a) Item 2(a) is hereby amended and restated as set forth below: This Schedule 13D is being filed by each of the following persons (each, a "Reporting Person" and collectively, the "Reporting Persons"): (i) Weichai America Corp. ("Weichai America"), a company organized under the laws of the State of Illinois; (ii) Weichai Power Co., Ltd. ("Weichai Power"), a joint stock limited company incorporated in the People's Republic of China with limited liability; and (iii) Shandong Heavy Industry Group Co., Ltd. ("SHIG"), a limited liability company incorporated in the People's Republic of China. Weichai America is a wholly-owned subsidiary of Weichai Power, which is in turn controlled by SHIG. SHIG holds less than 20% of the shares in Weichai Power but is able to exercise influence over Weichai Power by virtue of its status as the largest shareholder of Weichai Power and representatives or designees of

SHIG currently comprise a majority of members of Weichai Power's board of directors. This Schedule 13D shall not be construed as acknowledging that any of the Reporting Person, for any or all purposes, is a member of a group with the any Reporting Person or any other person.

(c) Item 2(c) is hereby amended and restated as set forth below: The principal business of Weichai America is to research and develop a full line of off-road natural gas engines and engine components. The principal business of Weichai Power is to operate in the following three main business segments: (i) powertrains, complete vehicles and machines and key components, (ii) intelligent logistics, and (iii) agricultural equipment. The principal business of SHIG is to operate in the following three main business segments: (i) investment and corporation management; (ii) organize, coordinate and manage the operation of subsidiaries; and (iii) development, manufacture, and sale of combustion engines and its ancillary facilities, engineering machineries and other mechanical equipment and components. With respect to each of the Reporting Persons, the names of each of the executive officers and directors or persons holding equivalent positions of such Reporting Person and their respective principal business address, principal occupation or employment and citizenship are provided on Exhibit T to this Schedule 13D, which is incorporated herein by reference.

(d) Item 2(d) is hereby amended and restated as set forth below: During the last five years, neither any Reporting Person nor, to any Reporting Person's knowledge, any executive officer or director or person holding equivalent positions of the Reporting Persons (each as listed in Exhibit T) has been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors).

(e) Item 2(e) is hereby amended and restated as set forth below: During the last five years, neither any Reporting Person nor, to any Reporting Person's knowledge, any executive officer or director or person holding equivalent positions of the Reporting Persons (each as listed in Exhibit T) has been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and, as a result of such proceeding, is or was subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

(f) Item 2(f) is hereby amended and restated as set forth below: The citizenship of each director or executive officer or person holding equivalent positions of the Reporting Persons is set forth in Exhibit T hereto, which is incorporated herein by reference.

Item 4. Purpose of Transaction

Item 4 is hereby amended and supplemented by adding the following: On August 8, 2025, Weichai America filed a notice with the SEC on Form 144 relating to the proposed sale of up to 1,150,000 shares of Common Stock in accordance with Rule 144. From August 22, 2025 to August 26, 2025, the Reporting Persons sold an aggregate of 232,683 shares of Common Stock in a series of open-market transactions through a broker-dealer.

Item 5. Interest in Securities of the Issuer

(a) Item 5(a) is hereby amended and restated as set forth below: The Reporting Persons may be deemed to beneficially own the shares of Common Stock of the Issuer as set forth on Exhibit Q hereto.

(b) Item 5(b) is hereby amended and restated as set forth below: The Reporting Persons may be deemed to beneficially own the shares of Common Stock of the Issuer as set forth on Exhibit Q hereto.

(c) Item 5(c) is hereby amended and restated as set forth below: In connection with the Sales, Weichai America sold 232,683 shares of Common Stock in a series of open-market transactions, through a broker-dealer, pursuant to Rule 144. Details by date, listing the number of shares of Common Stock disposed of and the weighted average price per share, are provided below. August 22, 2025 - Shares Disposed of: 87,210 - Weighted Average Price Per Share: \$88.2807 (multiple transactions at prices ranging from \$81.19 to \$91.768 inclusive) August 25, 2025 - Shares Disposed of: 51,426 - Weighted Average Price Per Share: \$91.0031 (multiple transactions at prices ranging from \$88.525 to \$93.365 inclusive) August 26, 2025 - Shares Disposed of: 94,047 - Weighted Average Price Per Share: \$83.2797 (multiple transactions at prices ranging from \$80.32 to \$89.00 inclusive) The Reporting Persons undertake to provide, upon request by the staff of the SEC, the Issuer, or a security holder of the Issuer, full information regarding the number of shares sold at each separate price for each of the above transactions. Except as set forth above, none of the Reporting Persons has effected any transaction in shares of Common Stock since the most recent filing of Schedule 13D.

Item 7. Material to be Filed as Exhibits.

Exhibit Q - Beneficial Ownership of the Reporting Persons in the Securities of Power Solutions International, Inc.  
Exhibit R - Powers of Attorney (Weichai Power Co., Ltd.), incorporated by reference to Exhibit 24.1 to the Form 4 filed by Reporting Persons with the Securities and Exchange Commission on August 14, 2025. Exhibit S - Power of Attorney (Shandong Heavy Industry Group Co., Ltd.), incorporated by reference to Exhibit 24.2 to the Form 4 filed by Reporting Persons with the Securities and Exchange Commission on August 14, 2025. Exhibit T - Executive Officers, Directors and Control Persons of the Reporting Persons.

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.

Weichai America Corp.

Signature: /s/ Jinguang Liu (aka Jin Liu)

Name/Title: Jinguang Liu (aka Jin Liu), Chief Financial  
Officer

Date: 08/28/2025

Weichai Power Co., Ltd.

Signature: /s/ Chenglong Sun

Name/Title: Chenglong Sun, Authorized Representative

Date: 08/28/2025

Shandong Heavy Industry Group Co., Ltd.

Signature: /s/ Chenglong Sun

Name/Title: Chenglong Sun, Authorized Representative

Date: 08/28/2025

**BENEFICIAL OWNERSHIP OF THE REPORTING PERSONS IN THE SECURITIES OF  
POWER SOLUTIONS INTERNATIONAL, INC.**

The aggregate number of securities and percentage of the class of securities of the Issuer beneficially owned by each Reporting Person, as well as the number of securities as to which such person is deemed to have sole power to vote or to direct the vote, shared power to vote or to direct the vote, sole power to dispose or to direct the disposition, shared power to dispose or direct the disposition, is set forth in the following table:

Reporting Person	Number of Shares					Percent of Class <sup>(2)</sup>
	Shares Beneficially	Power to Vote		Power to Dispose		
	Owned	Sole	Shared <sup>(1)</sup>	Sole	Shared <sup>(1)</sup>	
Weichai America	10,716,152	0	10,716,152	0	10,716,152	46.5%
Weichai Power	10,716,152	0	10,716,152	0	10,716,152	46.5%
SHIG	10,716,152	0	10,716,152	0	10,716,152	46.5%
<b>Total<sup>(3)</sup> (all Reporting Persons)</b>	<b>10,716,152</b>	<b>0</b>	<b>10,716,152</b>	<b>0</b>	<b>10,716,152</b>	<b>46.5%</b>

- (1) Weichai America is the direct and record owner of 10,716,152 shares of Common Stock and shares the power to vote and the power to dispose of all of such shares of Common Stock with Weichai Power and SHIG by virtue of the fact that Weichai Power is Weichai America's parent company, and Weichai Power is controlled by SHIG. SHIG holds less than 20% of the shares in Weichai Power but is able to exercise influence over Weichai Power by virtue of its status as the largest shareholder of Weichai Power and representatives or designees of SHIG currently comprise a majority of members of Weichai Power's board of directors. From August 22, 2025 to August 26, 2025, Weichai America sold an aggregate of 232,683 shares of Common Stock in a series of open-market transactions pursuant to Rule 144. Following the Sales, the number of shares beneficially owned by the Reporting Persons represents 10,716,152 shares of Common Stock, and that the Reporting Persons together with all affiliates of the Reporting Persons hold an aggregate number of shares of Common Stock equal to 46.5% of the shares of Common Stock outstanding.
- (2) The beneficial ownership percentage is calculated in accordance with Rule 13d-3 under the Securities Exchange Act of 1934, as amended, based upon information from the Issuer's Quarterly Report on Form 10-Q filed on August 8, 2025 that, as of July 31, 2025, there were 23,029,846 shares of Common Stock outstanding.
- (3) The Reporting Persons disclaim membership in a group.

## EXECUTIVE OFFICERS, DIRECTORS AND CONTROL PERSONS OF THE REPORTING PERSONS

The following are each of the executive officers and directors or person holding equivalent positions of Weichai America Corp. and their principal occupation or employment and citizenship. Unless otherwise indicated, the principal business address of each of the individuals listed below is 3100 Golf Road, Rolling Meadows, IL, 60008.

Name	Principal Occupation	Citizenship
<b>Board of Directors</b>		
Yang Xuesen	Chairman of the Board	PRC
Zhang Jiwen	Vice Chairman of the Board	PRC
Tan Zhichao	Director	PRC
Yu Fuzhang	Director	PRC
<b>Executive Management</b>		
Zhang Jiwen	Chief Executive Officer	PRC
Yang Xuesen	Chief Operating Officer	PRC
Liu Jinguang (aka Jin Liu)	Chief Financial Officer	United States
Xu Taifa	Vice President	PRC
Philippe Guyony	Vice President	United States
Zhang Jiyong	Vice President / Secretary	PRC

The following are each of the executive officers and directors or person holding equivalent positions of Weichai Power Co., Ltd. and their respective principal occupation or employment and citizenship. Unless otherwise indicated, the principal business address of each of the individuals listed below is Section A 197, Fu Shou East Street, High Technology Industrial Development Zone, Weifang, Shandong Province, The People's Republic of China, 261061.

Name	Principal Occupation	Citizenship
<b>Board of Directors</b>		
Ma Changhai	Chairman of the Board	PRC
Wang Decheng	Executive Director	PRC
Huang Weibiao	Executive Director	PRC
Sun Shaojun	Executive Director	PRC
Yuan Hongming	Executive Director	PRC
Ma Xuyao	Executive Director	PRC
Zhang Liangfu	Non-Executive Director	PRC
Richard Robinson Smith	Non-Executive Director	Germany / United States
Michael Martin Macht	Non-Executive Director	Germany
Jiang Yan	Independent Director	PRC
Chi Deqiang	Independent Director	PRC
Zhao Fuquan	Independent Director	United States
Xu Bing	Independent Director	PRC
Tao Hua'an	Independent Director	PRC
<b>Executive Management</b>		
Wang Decheng	General Manager	PRC
Wang Cuiping	Chief Financial Officer	PRC
Guo Shenggang	Deputy General Manager	PRC
Cheng Guangxu	Deputy General Manager	PRC
Zhi Baojing	Deputy General Manager	PRC
Ding Yingdong	Deputy General Manager	PRC
Wang Lingjin	Deputy General Manager	PRC
Wang Li	Secretary of the Board	PRC
Hu Yunyun	Company Secretary	PRC

The following are each of the executive officers and directors or person holding equivalent positions of Shandong Heavy Industry Group Co., Ltd. and their principal occupation or employment and citizenship. Unless otherwise indicated, the principal business address of each of the individuals listed below is #40-1 Yanzi Shan West Road, Jinan, Shandong, The People's Republic of China, 250014.

<b>Name</b>	<b>Principal Occupation</b>	<b>Citizenship</b>
<b>Board of Directors</b>		
Wang Zhijian	Director	PRC
Ye Jianjun	Director	PRC
Wang Yuejun	Employee Director	PRC
Yin Ke	External Director	PRC
Ding Huiping	External Director	PRC
Lu Yi	External Director	Singapore
Ning Xiangdong	External Director	PRC
<b>Executive Management</b>		
Wang Zhijian	General Manager	PRC
Hu Haihua	Deputy General Manager	PRC
Zhang Gengsheng	Deputy General Manager	PRC
Ma Changhai	Deputy General Manager	PRC

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