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

**FORM S-8**  
REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933

**POWERFLEET, INC.**

(Exact name of registrant as specified in its charter)

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**Delaware**

(State or other jurisdiction of  
incorporation or organization)

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**83-4366463**

(I.R.S. Employer  
Identification No.)

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**123 Tice Boulevard, Woodcliff Lake, New Jersey**

(Address of Principal Executive Offices)

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**07677**

(Zip Code)

**POWERFLEET, INC. 2018 INCENTIVE PLAN**

(Full title of the plan)

**Paul Lalljie**  
**President and Chief Financial Officer**  
**Powerfleet, Inc.**  
**123 Tice Boulevard**  
**Woodcliff Lake, New Jersey 07677**  
**(201) 996-9000**

(Name, address and telephone number, including area code, of agent for service)

*With a copy to:*

**Honghui S. Yu**  
**Olshan Frome Wolosky LLP**  
**1325 Avenue of the Americas**  
**15<sup>th</sup> Floor**  
**New York, New York 10019**  
**Telephone: (212) 451-2300**

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer ☐  
Non-accelerated filer ☐

Accelerated filer ☒  
Smaller reporting company ☐  
Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act. ☐

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## EXPLANATORY NOTE

This Registration Statement on Form S-8 is being filed by Powerfleet, Inc. (the “Company”) for the purpose of registering an additional 8,400,000 shares of the Company’s common stock, par value \$0.01 per share (“Common Stock”), under the Company’s 2018 Incentive Plan, as amended. Each of the Company’s Registration Statements on Form S-8 (File Nos. 333-234079, 333-258715, 333-273885 and 333-283615) filed with the Securities and Exchange Commission (the “SEC”) on October 3, 2019, August 11, 2021, August 10, 2023 and December 5, 2024, respectively, is incorporated by reference herein.

### PART I

#### INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

The documents containing the information required by Item 1 and Item 2 of Part I of Form S-8 will be sent or given to employees as specified by Rule 428(b)(1) under the Securities Act of 1933, as amended (the “Securities Act”). Such documents need not be filed with the SEC either as part of this registration statement or as prospectuses or prospectus supplements pursuant to Rule 424 under the Securities Act. These documents and the documents incorporated by reference in the registration statement pursuant to Item 3 of Part II of Form S-8, taken together, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act.

### PART II

#### INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

##### Item 3. Incorporation of Documents by Reference.

The following documents previously filed by the Company with the SEC under the Securities Act and the Securities Exchange Act of 1934, as amended (the “Exchange Act”), are incorporated herein by reference (other than any such documents or portions thereof that are furnished under Item 2.02 or Item 7.01 of Form 8-K, unless otherwise indicated therein, including any exhibits included with such Items):

- The Company’s Annual Report on [Form 10-K](#) for the fiscal year ended March 31, 2026, filed with the SEC on June 15, 2026;
- The information specifically incorporated by reference into the Company’s Annual Report on Form 10-K for the fiscal year ended March 31, 2026 from the Company’s Definitive Proxy Statement on [Schedule 14A](#), filed with the SEC on July 29, 2026;
- The Company’s Quarterly Report on [Form 10-Q](#) for the fiscal quarter ended June 30, 2026, filed with the SEC on August 10, 2026;
- The Company’s Current Reports on Form 8-K (only to the extent “filed” and not “furnished”) filed with the SEC on [May 22, 2026](#), [July 1, 2026](#), [July 21, 2026](#), [August 11, 2026](#) and [September 16, 2026](#); and
- The description of the Common Stock contained in [Exhibit 4.2](#) to the Company’s Annual Report on Form 10-K for the fiscal year ended December 31, 2023, filed with the SEC on May 9, 2024.

All documents filed by the Company pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act subsequent to the date of this Registration Statement (other than any such documents or portions thereof that are furnished under Item 2.02 or Item 7.01 of Form 8-K, unless otherwise indicated therein, including any exhibits included with such Items), prior to the filing of a post-effective amendment to this Registration Statement which indicates that all securities offered hereby have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be a part hereof from the date of filing of such documents.

Any statement contained in this Registration Statement or in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained or incorporated by reference herein or in any subsequently filed document that is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

**Item 4. Description of Securities.**

Not applicable.

**Item 5. Interests of Named Experts and Counsel.**

Not applicable.

**Item 6. Indemnification of Directors and Officers.**

Section 145 of the Delaware General Corporation Law (the “DGCL”) provides that a corporation may indemnify directors and officers as well as other employees and individuals against expenses (including attorneys’ fees), judgments, fines and amounts paid in settlement in connection with specified actions, suits or proceedings, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation – a “derivative action”), if they acted in good faith and in a manner they reasonably believed to be in or not opposed to the best interests of the corporation and, with respect to any criminal actions or proceedings, had no reasonable cause to believe their conduct was unlawful. A similar standard is applicable in the case of derivative actions, except that indemnification only extends to expenses (including attorneys’ fees) actually and reasonably incurred in connection with the defense or settlement of such action, and the DGCL requires court approval before there can be any indemnification where the person seeking indemnification has been found liable to the corporation. The DGCL provides that it is not exclusive of other rights to indemnification that may be granted by a corporation’s bylaws, disinterested director vote, stockholder vote, agreement or otherwise.

Pursuant to the terms of the Company’s Amended and Restated Certificate of Incorporation (the “Charter”), the Company has agreed to indemnify its current and former directors and officers (and the current and former directors and officers of its subsidiaries) against liability and loss suffered and expenses (including reasonable attorneys’ fees) reasonably incurred in connection with any claim made against such director or officer or any actual or threatened action, suit or proceeding in which such director or officer may be involved by reason of being or having been a director or officer of the Company or its subsidiaries, or, while serving as a director or officer of the Company or its subsidiaries, of serving or having served at the Company’s request as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise.

The Charter provides that expenses (including attorneys’ fees) incurred by such persons in defending any action, suit or proceeding shall be paid in advance of the final disposition of such action, suit or proceeding, provided that, to the extent required by law, such advancement of expenses shall be made only upon receipt of an undertaking by or on behalf of such person to repay such amount if it is ultimately determined that such person is not entitled to be so indemnified.

The Charter also provides that the Company may indemnify its current and former employees and agents and may advance expenses to such employees and agents on such terms and conditions as may be approved by the board of directors.

Section 102(b)(7) of the DGCL permits a provision in the certificate of incorporation of each corporation organized thereunder, such as the Company, eliminating or limiting, with certain exceptions, the personal liability of a director to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director. The Charter eliminates the liability of directors to the extent permitted by the DGCL.

The Company has also entered into indemnification agreements with members of its board of directors and officers (the “Indemnification Agreements”). The Indemnification Agreements, subject to limitations contained therein, obligate the Company to maintain director and officer insurance if reasonably available, and to indemnify the indemnitee, to the fullest extent permitted by applicable law, for certain expenses, including attorneys’ fees, judgments, penalties, fines and settlement amounts actually and reasonably incurred by him or her in any threatened, pending or completed action, suit, claim, investigation, inquiry, administrative hearing, arbitration or other proceeding arising out of his or her services as a director or officer. Subject to certain limitations, the Indemnification Agreements provide for the advancement of expenses incurred by the indemnitee, and the repayment to the Company of the amounts advanced to the extent that it is ultimately determined that the indemnitee is not entitled to be indemnified by the Company. The Indemnification Agreements also create certain rights in favor of the Company, including the right to assume the defense of claims and to consent to settlements. The Indemnification Agreements do not exclude any other rights to indemnification or advancement of expenses to which the indemnitee may be entitled under applicable law or the Charter or by any other agreement, a vote of stockholders or disinterested directors, or otherwise.

The Company carries directors’ and officers’ liability insurance that covers certain liabilities and expenses of its directors and officers.

The foregoing summaries are qualified in their entirety by the terms and provisions of such arrangements.

#### Item 7. Exemption From Registration Claimed.

Not applicable.

#### Item 8. Exhibits.

| Exhibit Number | Exhibit Description                                                                                                                                                                                                                                 |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.1.1          | <a href="#"><u>Amended and Restated Certificate of Incorporation of Powerfleet, Inc. (incorporated by reference to Exhibit 3.1 to the Current Report on Form 8-K12B of Powerfleet, Inc., filed with the SEC on October 3, 2019).</u></a>            |
| 4.1.2          | <a href="#"><u>Amendment to the Amended and Restated Certificate of Incorporation of Powerfleet, Inc. (incorporated by reference to Exhibit 3.1.2 to the Annual Report on Form 10-K of Powerfleet, Inc. filed with the SEC on May 9, 2024).</u></a> |
| 4.2            | <a href="#"><u>Amended and Restated Bylaws of Powerfleet, Inc. (incorporated by reference to Exhibit 3.2 to the Current Report on Form 8-K12B of Powerfleet, Inc., filed with the SEC on October 3, 2019).</u></a>                                  |
| 4.3            | <a href="#"><u>Powerfleet, Inc. 2018 Incentive Plan, as amended (incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K of Powerfleet, Inc., filed with the SEC on September 16, 2026).</u></a>                                |
| 5.1            | <a href="#"><u>Opinion of Olshan Frome Wolosky LLP.</u></a>                                                                                                                                                                                         |
| 23.1           | <a href="#"><u>Consent of Deloitte &amp; Touche.</u></a>                                                                                                                                                                                            |
| 23.2           | <a href="#"><u>Consent of Ernst &amp; Young LLP.</u></a>                                                                                                                                                                                            |
| 23.3           | <a href="#"><u>Consent of Olshan Frome Wolosky LLP (included in Exhibit 5.1).</u></a>                                                                                                                                                               |
| 24.1           | <a href="#"><u>Power of Attorney (included on the signature page hereto).</u></a>                                                                                                                                                                   |
| 107            | <a href="#"><u>Filing Fee Table.</u></a>                                                                                                                                                                                                            |

## Item 9. Undertakings.

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the "Calculation of Filing Fee Tables" or "Calculation of Registration Fee" table, as applicable, in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

*provided, however*, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this registration statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in this registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(h) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Woodcliff Lake, State of New Jersey on September 28, 2026.

### POWERFLEET, INC.

By: /s/ Paul Lalljie

Name: Paul Lalljie

Title: President and Chief Financial Officer

### POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Steve Towe and Paul Lalljie as his true and lawful attorney-in-fact, each acting alone, with full power of substitution and resubstitution for him and in his name, place and stead, in any and all capacities, to sign any and all amendments, including post-effective amendments, to this registration statement, and to file the same, with exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, hereby ratifying and confirming all that said attorneys-in-fact or their substitutes, each acting alone, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

| <u>Signature</u>                                | <u>Title</u>                                                                          | <u>Date</u>        |
|-------------------------------------------------|---------------------------------------------------------------------------------------|--------------------|
| <u>/s/ Steve Towe</u><br>Steve Towe             | Chief Executive Officer and Director<br>(Principal Executive Officer)                 | September 28, 2026 |
| <u>/s/ Paul Lalljie</u><br>Paul Lalljie         | President and Chief Financial Officer<br>(Principal Financial and Accounting Officer) | September 28, 2026 |
| <u>/s/ Andrew Martin</u><br>Andrew Martin       | Director and Chairman of the Board                                                    | September 28, 2026 |
| <u>/s/ Michael J. Casey</u><br>Michael J. Casey | Director                                                                              | September 28, 2026 |
| <u>/s/ Ian Jacobs</u><br>Ian Jacobs             | Director                                                                              | September 28, 2026 |

O L S H A N

1325 AVENUE OF THE AMERICAS • NEW YORK, NEW YORK 10019  
TELEPHONE: 212.451.2300 • FACSIMILE: 212.451.2222

September 28, 2026

Powerfleet, Inc.  
123 Tice Boulevard  
Woodcliff Lake, New Jersey 07677

Re: Registration Statement on Form S-8

Ladies and Gentlemen:

We have acted as counsel to Powerfleet, Inc., a Delaware corporation (the “Company”), in connection with the filing with the Securities and Exchange Commission (the “Commission”) of the Company’s Registration Statement on Form S-8 (the “Registration Statement”) relating to the registration of 8,400,000 shares (the “Shares”) of the Company’s common stock, par value \$0.01 per share, issuable pursuant to the terms of and in the manner set forth in the Company’s 2018 Incentive Plan, as amended (the “Plan”).

This opinion letter is being delivered at the request of the Company and in accordance with the requirements of Item 601(b)(5) of Regulation S-K promulgated under the Securities Act of 1933, as amended (the “Securities Act”).

We advise you that we have examined executed originals or copies certified or otherwise identified to our satisfaction of (i) the Registration Statement, (ii) the Company’s Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws, each as amended to date, (iii) the Plan and (iv) corporate proceedings of the Company, and such other documents, instruments and certificates of officers and representatives of the Company and of public officials, and we have made such examination of law, as we have deemed necessary or appropriate for purposes of the opinion expressed below.

We have assumed for purposes of rendering the opinion set forth herein, without any verification by us, the genuineness of all signatures, the legal capacity of all natural persons to execute and deliver documents, the authenticity and completeness of documents submitted to us as originals and the completeness and conformity with authentic original documents of all documents submitted to us as copies, and that all documents, books and records made available to us by the Company are accurate and complete.

On the basis of the foregoing and in reliance thereon and subject to the assumptions, qualifications and limitations set forth herein, we advise you that in our opinion, the Shares have been duly authorized and, when issued and paid for pursuant to the terms of and in the manner set forth in the Plan, will be validly issued, fully paid and non-assessable.

O L S H A N F R O M E W O L O S K Y L L P

WWW.OLSHANLAW.COM

We are members of the Bar of the State of New York. We express no opinion as to the effect of any laws other than the laws of the State of New York, the General Corporation Law of the State of Delaware and the federal laws of the United States of America, each as in effect on the date hereof.

This opinion speaks only at and as of its date and is based solely on the facts and circumstances known to us at and as of such date. We assume no obligation to revise or supplement this opinion to reflect any facts or circumstances that may hereafter come to our attention or any changes in fact or law that may hereafter occur.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement. In giving such consent, we do not thereby concede that our firm is within the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission thereunder.

Very truly yours,

*/s/ Olshan Frome Wolosky LLP*

OLSHAN FROME WOLOSKY LLP

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**CONSENT OF INDEPENDENT AUDITORS**

We consent to the incorporation by reference in this Registration Statement on Form S-8 of our reports dated June 15, 2026, relating to the financial statements of Powerfleet, Inc. and the effectiveness of Powerfleet, Inc.'s internal control over financial reporting, appearing in the Annual Report on Form 10-K of Powerfleet, Inc. for the year ended March 31, 2026.

*/s/ Deloitte & Touche*

Johannesburg, South Africa  
September 28, 2026

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Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the Powerfleet, Inc. 2018 Incentive Plan, as amended, of our report dated August 22, 2024, with respect to the consolidated financial statements of Powerfleet, Inc. included in its Annual Report (Form 10-K) for the year ended March 31, 2026, filed with the Securities and Exchange Commission.

*/s/ Ernst & Young LLP*

Iselin, New Jersey  
**September 28, 2026**

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