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

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16
OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934**

For the month of February 2025

Commission File Number: 001-42005

ZOOZ Power Ltd.

(Translation of registrant's name into English)

**4B Hamelacha St.
Lod 7152008
Israel**

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F ☒ Form 40-F ☐

EXHIBIT INDEX

Exhibit No.	Description
99.1	ZOOZ Power to Present at the 5th European EV Charging Infrastructure 2025 Conference in Amsterdam on March 4, 2025

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized. This Form 6-K, including all exhibits hereto is hereby incorporated by reference into the Company's Registration Statement on Form F-1, File No. 333- 279223, into the Company's Registration Statement on Form S-8, File No. 333-280741 and into the Company's Registration Statement on Form F-1, File No. 333-284270.

ZOOZ Power Ltd.

Date: February 27, 2025

By: /s/ Erez Zimmerman

Name: Erez Zimmerman

Title: Chief Executive Officer

Exhibit 99.1**ZOOZ Power to Present at the 5th European EV Charging Infrastructure 2025 Conference in Amsterdam on March 4, 2025**

Tel Aviv, February 27, 2025 - ZOOZ Power Ltd. (NASDAQ and TASE: ZOOZ), the leading provider of Flywheel-based power boosting and power management solutions enabling ultra-fast multi-port Electric Vehicle (EV) charging, today announced that Mr. Erez Zimerman, Chief Executive Officer, will present at the 5th European EV Charging Infrastructure 2025 Conference in Amsterdam on Tuesday, March 4, 2025, at 4:20pm CET.

Mr. Zimerman will discuss how kinetic power boosters with smart energy management enable ultra-fast EV charging and network expansion without costly grid upgrades. By improving energy distribution through adaptive charging, peak shaving and efficient power allocation, these boosters could reduce demand charges and support the deployment of multiple ultra-fast EV chargers. This innovative approach leverages kinetic energy to enhance sustainability and promote a greener future.

About the 5th European EV Charging Infrastructure 2025 Conference

The 5th European EV Charging Infrastructure 2025 Conference is a premier event focused on advancing EV infrastructure and modernizing Europe's electrical grids. It will showcase innovations in ultra-fast and smart charging technologies, tackling key challenges like grid stability, energy distribution, and sustainability. Industry experts, grid operators, and stakeholders will discuss best practices, energy storage solutions, and strategies for optimizing EV network efficiency. With a strong emphasis on smart charging systems and renewable energy integration, this conference offers valuable insights and networking opportunities for those shaping the future of EV charging in Europe.

About ZOOZ Power Ltd.

ZOOZ Power is the leading provider of Flywheel-based power boosting and power management solutions enabling widespread deployment of ultra-fast multi ports charging infrastructure for EVs, while overcoming existing grid limitations. ZOOZ Power pioneers its unique Flywheel-based power boosting technology, which could enable efficient utilization and power management of a power-limited grid at an EV charging site. Its Flywheel-based technology is designed to allow high-performance, reliable, and cost-effective ultra-fast EV charging infrastructure.

The rapid acceleration of the EV revolution is outpacing grid infrastructure. As charging demands grow, limited grid capacity has created a gap that requires innovative solutions to bridge this divide. ZOOZ Power's sustainable, power-boosting solutions are designed with longevity and the environment in mind, could assist its customers and partners accelerate the deployment of fast-charging infrastructure, thus increasing the potential for improved utilization rates, better efficiency, greater flexibility, and faster revenues and profitability growth. ZOOZ Power is publicly traded on NASDAQ and TASE under the ticker ZOOZ.

For more information, please visit: www.zoozpower.com/

Forward-Looking Statement

This Press Release contains "forward-looking statements" within the meaning of the Securities Act of 1933 and the Securities Exchange Act of 1934, as amended, and the safe-harbor provisions of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements are based on the current beliefs, expectations, and assumptions of ZOOZ Power. All statements other than statements of historical facts contained in this Press Release, including statements regarding ZOOZ Power, and any of ZOOZ Power's strategy and future operations are forward-looking statements. These statements involve known and unknown risks, uncertainties and other important factors that may cause ZOOZ Power's actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. These risks and other risks and uncertainties are more fully discussed in the "Risk Factors" section of ZOOZ Power's most recent Annual Report on Form 20-F as filed with the U.S. Securities and Exchange Commission ("SEC") as well as other documents that may be subsequently filed by ZOOZ Power from time to time with the SEC. The words "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "plan," "potential," "predict," "project," "should," "target," "will," and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Forward-looking statements include, but are not limited to, statements relating to the acceleration of the EV revolution, statements relating to the charging demands and their effect on the grid capacity, statements relating to the acceptance and utilization of ZOOZ Power's solutions and the effects of the evolving nature of the war situation in Israel, and the related evolving regional conflicts, may adversely affect ZOOZ Power's operations. These forward-looking statements are only estimations, and ZOOZ Power may not actually achieve the plans, intentions or expectations disclosed in any forward-looking statements, so you should not place undue reliance on any forward-looking statements. Actual results or events could differ materially from the plans, intentions and expectations disclosed in forward-looking statements made in this Press Release. ZOOZ Power's management has based these forward-looking statements largely on current expectations and projections about future events and trends that such persons believe may affect ZOOZ Power's business, financial condition and operating results. Forward-looking statements contained in this Press Release are made as of the date hereof, and none of ZOOZ Power or any of its representatives or any other person undertakes any duty to update such information except as may be expressly required under applicable law.

For all investor inquiries, please contact:

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