SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(Amendment No. 1)

Arbe Robotics Ltd.

(Name of Issuer)

Ordinary Shares, NIS par value $0.000216 per share

(Title of Class of Securities)

M1R95N100

(CUSIP Number)

09/30/2026

(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 Number(s):	M1R95N100

1	**Names of Reporting Persons** PEAK6 Capital Management LLC
2	**Check the appropriate box if a member of a Group (see instructions)** ☐ (a) ☐ (b)
3	**Sec Use Only**
4	**Citizenship or Place of Organization** DELAWARE

Number of Shares Beneficially Owned by Each Reporting Person With:	5	**Sole Voting Power** 0.00
	6	**Shared Voting Power** 5,121,052.00
	7	**Sole Dispositive Power** 0.00
	8	**Shared Dispositive Power** 5,121,052.00
9	**Aggregate Amount Beneficially Owned by Each Reporting Person** 5,121,052.00	
10	**Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)** ☐	
11	**Percent of class represented by amount in row (9)** 4.0 %	
12	**Type of Reporting Person (See Instructions)** BD	

SCHEDULE 13G

CUSIP Number(s):	M1R95N100

1	**Names of Reporting Persons** PEAK6 Partners LLC	
2	**Check the appropriate box if a member of a Group (see instructions)** ☐ (a) ☐ (b)	
3	**Sec Use Only**	
4	**Citizenship or Place of Organization** DELAWARE	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	**Sole Voting Power** 0.00
	6	**Shared Voting Power** 5,121,052.00
	7	**Sole Dispositive Power** 0.00
	8	**Shared Dispositive Power** 5,121,052.00
9	**Aggregate Amount Beneficially Owned by Each Reporting Person** 5,121,052.00	

10	**Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)** ☐
11	**Percent of class represented by amount in row (9)** 4.0 %
12	**Type of Reporting Person (See Instructions)** HC

SCHEDULE 13G

CUSIP Number(s):	M1R95N100

1	**Names of Reporting Persons** PEAK6 LLC
2	**Check the appropriate box if a member of a Group (see instructions)** ☐ (a) ☐ (b)
3	**Sec Use Only**
4	**Citizenship or Place of Organization** DELAWARE
Number of Shares Beneficially Owned by Each Reporting Person With:	

5	**Sole Voting Power** 0.00
6	**Shared Voting Power** 5,121,052.00
7	**Sole Dispositive Power** 0.00
8	**Shared Dispositive Power** 5,121,052.00

9	**Aggregate Amount Beneficially Owned by Each Reporting Person** 5,121,052.00
10	**Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)** ☐
11	**Percent of class represented by amount in row (9)** 4.0 %
12	**Type of Reporting Person (See Instructions)** HC

SCHEDULE 13G

CUSIP Number(s):	M1R95N100

1	**Names of Reporting Persons** PEAK6 Investments LLC
2	**Check the appropriate box if a member of a Group (see instructions)** ☐ (a) ☐ (b)
3	**Sec Use Only**
4	**Citizenship or Place of Organization** DELAWARE
Number of Shares Beneficially Owned by Each Reporting Person With:	5 **Sole Voting Power** 0.00 6 **Shared Voting Power** 5,121,052.00 7 **Sole Dispositive Power** 0.00 8 **Shared Dispositive Power** 5,121,052.00
9	**Aggregate Amount Beneficially Owned by Each Reporting Person** 5,121,052.00
10	**Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)** ☐
11	**Percent of class represented by amount in row (9)** 4.0 %
12	**Type of Reporting Person (See Instructions)** HC

SCHEDULE 13G

CUSIP Number(s):	M1R95N100

1	**Names of Reporting Persons** PEAK6 Group LLC
2	**Check the appropriate box if a member of a Group (see instructions)** ☐ (a) ☐ (b)
3	**Sec Use Only**
4	**Citizenship or Place of Organization** DELAWARE

Number of Shares Beneficially Owned by Each Reporting Person With:	5	**Sole Voting Power** 0.00
	6	**Shared Voting Power** 5,121,052.00
	7	**Sole Dispositive Power** 0.00
	8	**Shared Dispositive Power** 5,121,052.00
9	**Aggregate Amount Beneficially Owned by Each Reporting Person** 5,121,052.00	
10	**Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)** ☐	
11	**Percent of class represented by amount in row (9)** 4.0 %	
12	**Type of Reporting Person (See Instructions)** HC	

SCHEDULE 13G

CUSIP Number(s):	M1R95N100

1	**Names of Reporting Persons** PEAK6 Capital Management Holdings LLC	
2	**Check the appropriate box if a member of a Group (see instructions)** ☐ (a) ☐ (b)	
3	**Sec Use Only**	
4	**Citizenship or Place of Organization** DELAWARE	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	**Sole Voting Power** 0.00
	6	**Shared Voting Power** 5,121,052.00
	7	**Sole Dispositive Power** 0.00
	8	**Shared Dispositive Power** 5,121,052.00
9	**Aggregate Amount Beneficially Owned by Each Reporting Person** 5,121,052.00	
10	**Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)** ☐	

11	**Percent of class represented by amount in row (9)** 4.0 %
12	**Type of Reporting Person (See Instructions)** HC

SCHEDULE 13G

CUSIP Number(s):	M1R95N100

1	**Names of Reporting Persons** Matthew Hulsizer
2	**Check the appropriate box if a member of a Group (see instructions)** ☐ (a) ☐ (b)
3	**Sec Use Only**
4	**Citizenship or Place of Organization** UNITED STATES
Number of Shares Beneficially Owned by Each Reporting Person With:	

5	**Sole Voting Power** 0.00
6	**Shared Voting Power** 5,121,052.00
7	**Sole Dispositive Power** 0.00
8	**Shared Dispositive Power** 5,121,052.00

9	**Aggregate Amount Beneficially Owned by Each Reporting Person** 5,121,052.00
10	**Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)** ☐
11	**Percent of class represented by amount in row (9)** 4.0 %
12	**Type of Reporting Person (See Instructions)** IN

SCHEDULE 13G

CUSIP Number(s):	M1R95N100

1	**Names of Reporting Persons** Jennifer Just

2	**Check the appropriate box if a member of a Group (see instructions)** ☐ (a) ☐ (b)
3	**Sec Use Only**
4	**Citizenship or Place of Organization** DELAWARE
Number of Shares Beneficially Owned by Each Reporting Person With:	

5	**Sole Voting Power** 0.00
6	**Shared Voting Power** 5,121,052.00
7	**Sole Dispositive Power** 0.00
8	**Shared Dispositive Power** 5,121,052.00

9	**Aggregate Amount Beneficially Owned by Each Reporting Person** 5,121,052.00
10	**Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)** ☐
11	**Percent of class represented by amount in row (9)** 4.0 %
12	**Type of Reporting Person (See Instructions)** IN

SCHEDULE 13G

Item 1.

(a) **Name of issuer:**

Arbe Robotics Ltd.

(b) **Address of issuer's principal executive offices:**

107 HA'HASHMONAIM ST, TEL AVIV, ISRAEL, 6713321

Item 2.

(a) **Name of person filing:**

PEAK6 Capital Management LLC
PEAK6 Partners LLC
PEAK6 LLC
PEAK6 Investments LLC
PEAK6 Group LLC
PEAK6 Capital Management Holdings LLC
Matthew Hulsizer
Jennifer Just

(b) **Address or principal business office or, if none, residence:**

PEAK6 Capital Management LLC - 141 W. Jackson Blvd., Suite 500, Chicago IL 60604
PEAK6 Partners LLC - 2010 E. 6th St., Austin TX 78702
PEAK6 LLC - 2010 E. 6th St., Austin TX 78702
PEAK6 Investments LLC - 2010 E. 6th St., Austin TX 78702
PEAK6 Group LLC - 2010 E. 6th St., Austin TX 78702
PEAK6 Capital Management Holdings LLC - 141 W. Jackson Blvd., Suite 500, Chicago IL 60604
Matthew Hulsizer - 2010 E. 6th St., Austin TX 78702
Jennifer Just- 2010 E. 6th St., Austin TX 78702

(c) **Citizenship:**

PEAK6 Capital Management LLC, Delaware
PEAK6 LLC, Delaware
PEAK6 Investments LLC, Delaware
PEAK6 Group LLC, Delaware
PEAK6 Capital Management Holdings LLC, Delaware
Matthew Hulsizer, U.S. Citizen
Jennifer Just, U.S. Citizen

(d) **Title of class of securities:**

Ordinary Shares, NIS par value $0.000216 per share

(e) **CUSIP No.:**

M1R95N100

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

(a) **Amount beneficially owned:**

PEAK6 Capital Management LLC is wholly owned by PEAK6 Capital Management Holdings LLC, which is owned by PEAK6 Group LLC, which is owned by PEAK6 Investments LLC, which is majority owned by PEAK6 Partners LLC and minority owned by PEAK6 LLC. Matthew Hulsizer and Jennifer Just are the majority direct and/or indirect ultimate beneficial owners of PEAK6 Partners LLC and PEAK6 LLC.

The information specified in items 4(a) - (c) is provided in rows 5 through 11 of the cover pages for each Reporting Person and is incorporated by reference.

(b) **Percent of class:**

PEAK6 Capital Management LLC is wholly owned by PEAK6 Capital Management Holdings LLC, which is owned by PEAK6 Group LLC, which is owned by PEAK6 Investments LLC, which is majority owned by PEAK6 Partners LLC and minority owned by PEAK6 LLC. Matthew Hulsizer and Jennifer Just are the majority direct and/or indirect ultimate beneficial owners of PEAK6 Partners LLC and PEAK6 LLC.

The information specified in items 4(a) - (c) is provided in rows 5 through 11 of the cover pages for each Reporting Person and is incorporated by reference.

(c) **Number of shares as to which the person has:**

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

PEAK6 Capital Management LLC is wholly owned by PEAK6 Capital Management Holdings LLC, which is owned by PEAK6 Group LLC, which is owned by PEAK6 Investments LLC, which is majority owned by PEAK6 Partners LLC and minority owned by PEAK6 LLC. Matthew Hulsizer and Jennifer Just are the majority direct and/or indirect ultimate beneficial owners of PEAK6 Partners LLC and PEAK6 LLC.

The information specified in items 4(a) - (c) is provided in rows 5 through 11 of the cover pages for each Reporting Person and is incorporated by reference.

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

PEAK6 Capital Management LLC is wholly owned by PEAK6 Capital Management Holdings LLC, which is owned by PEAK6 Group LLC, which is owned by PEAK6 Investments LLC, which is majority owned by PEAK6 Partners LLC and minority owned by PEAK6 LLC. Matthew Hulsizer and Jennifer Just are the majority direct and/or indirect ultimate beneficial owners of PEAK6 Partners LLC and PEAK6 LLC.

The information specified in items 4(a) - (c) is provided in rows 5 through 11 of the cover pages for each Reporting Person and is incorporated by reference.

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

PEAK6 Capital Management LLC is wholly owned by PEAK6 Capital Management Holdings LLC, which is owned by PEAK6 Group LLC, which is owned by PEAK6 Investments LLC, which is majority owned by PEAK6 Partners LLC and minority owned by PEAK6 LLC. Matthew Hulsizer and Jennifer Just are the majority direct and/or indirect ultimate beneficial owners of PEAK6 Partners LLC and PEAK6 LLC.

The information specified in items 4(a) - (c) is provided in rows 5 through 11 of the cover pages for each Reporting Person and is incorporated by reference.

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

PEAK6 Capital Management LLC is wholly owned by PEAK6 Capital Management Holdings LLC, which is owned by PEAK6 Group LLC, which is owned by PEAK6 Investments LLC, which is majority owned by PEAK6 Partners LLC and minority owned by PEAK6 LLC. Matthew Hulsizer and Jennifer Just are the majority direct and/or indirect ultimate beneficial owners of PEAK6 Partners LLC and PEAK6 LLC.

The information specified in items 4(a) - (c) is provided in rows 5 through 11 of the cover pages for each Reporting Person and is incorporated by reference.

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 acquired and are held in the ordinary course of business and 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.

PEAK6 Capital Management LLC

Signature: **Tom Simpson**
Name/Title: **Chief Executive Officer**
Date: **11/12/2026**

PEAK6 Partners LLC

Signature: Matt Hulsizer
Name/Title: Manager
Date: 11/12/2026

PEAK6 LLC

Signature: Matt Hulsizer
Name/Title: Manager
Date: 11/12/2026

PEAK6 Investments LLC

Signature: Jay Coppoletta
Name/Title: Chief Corp. Dev & Legal Officer
Date: 11/12/2026

PEAK6 Group LLC

Signature: Jay Coppoletta
Name/Title: Chief Corp. Dev & Legal Officer
Date: 11/12/2026

PEAK6 Capital Management Holdings LLC

Signature: Jay Coppoletta
Name/Title: Chief Corp. Dev & Legal Officer
Date: 11/12/2026

Matthew Hulsizer

Signature: Matt Hulsizer
Name/Title: Individual
Date: 11/12/2026

Jennifer Just

Signature: Jennifer Just
Name/Title: Individual
Date: 11/12/2026

Exhibit Information

Exhibit included with cover.