

☐ Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

☐ Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

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 *

Sun Kang

(Last) (First) (Middle)

C/O AMPRIUS TECHNOLOGIES, INC.,

1180 PAGE AVENUE

(Street)

FREMONT CA 94538

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

Amprius Technologies, Inc. [AMPX]

3. Date of Earliest Transaction (Month/Day/Year)

01/12/2026

4. If Amendment, Date of Original Filed (Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

X

 Director 10% Owner

Officer (give title below) Other (specify below)

6. Individual or Joint/Group Filing (Check Applicable Line)

X

 Form filed by One Reporting Person

Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common stock	01/12/2026		M ⁽¹⁾		180,802	A	\$0.62	1,584,453 ⁽²⁾	D	
Common stock	01/12/2026		M ⁽¹⁾		208,264	A	\$2.44	1,792,717 ⁽²⁾	D	
Common stock	01/12/2026		M ⁽¹⁾		117,201	A	\$2.5	1,909,918 ⁽²⁾	D	
Common stock	01/12/2026		S ⁽¹⁾		506,267	D	\$10.0964 ⁽³⁾	1,403,651 ⁽²⁾	D	
Common stock								274,275	I	See Footnote ⁽⁴⁾

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (right to buy)	\$0.62	01/12/2026		M ⁽¹⁾			180,802	09/14/2022	12/12/2027	Common stock	180,802	\$0	0	D	
Stock Option (right to buy)	\$2.44	01/12/2026		M ⁽¹⁾			208,264	10/23/2024	01/02/2029	Common stock	208,264	\$0	0	D	
Stock Option (right to buy)	\$2.5	01/12/2026		M ⁽¹⁾			117,201	10/23/2024	09/17/2030	Common stock	117,201	\$0	850,338	D	

Explanation of Responses:

1. The exercises and sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on August 18, 2025.

2. Includes 1,285,576 restricted stock units, each of which represents a contingent right to receive one share of the issuer's common stock, subject to the applicable vesting schedule and conditions of each restricted stock unit.

3. The price reported in Column 4 is an average execution price. These shares were sold in multiple transactions at prices ranging from \$10.00 to \$10.25, inclusive. The reporting person undertakes to provide to the issuer, any security holder of the issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth above.

4. These securities are held directly by the KANG & CECILIA SUN FAMILY REVOCABLE TRUST, for which the reporting person and his spouse are co-trustees.

Remarks:

/s/ Ricardo C. Rodriguez, attorney-in-fact on behalf of Kang Sun 01/14/2026

** Signature of Reporting Person Date