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

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**FORM 8-K**

**CURRENT REPORT  
Pursuant to Section 13 or 15(d) of  
the Securities Exchange Act of 1934**

Date of Report (date of earliest event reported):  
**July 31, 2025**

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**MONOLITHIC POWER SYSTEMS, INC.**  
(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction of  
incorporation or organization)

**000-51026**  
(Commission  
File Number)

**77-0466789**  
(I.R.S. Employer  
Identification Number)

**5808 Lake Washington Blvd. NE,  
Kirkland, Washington**  
(Address of principal executive offices)

**98033**  
(Zip Code)

**(425) 296-9956**  
(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.001 per share	MPWR	The NASDAQ Global Select Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

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 13(a) of the Exchange Act. ☐

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**Item 2.02 Results of Operations and Financial Condition.**

On July 31, 2025, Monolithic Power Systems, Inc. issued a press release regarding its financial results for the quarter ended June 30, 2025. The press release is attached hereto as Exhibit 99.1 and is incorporated by reference herein.

Attached hereto as Exhibit 99.2 and incorporated by reference herein is financial information and commentary regarding results of the quarter ended June 30, 2025.

The information under Item 2.02 of this Current Report on Form 8-K and Exhibits 99.1 and 99.2 attached hereto are being furnished and shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “1934 Act”), nor shall they be deemed incorporated by reference in any filing with the Securities and Exchange Commission under the 1934 Act or the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

**Exhibit Description**

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99.1	<a href="#">Press release issued on July 31, 2025, announcing the financial results for the quarter ended June 30, 2025.</a>
99.2	<a href="#">Earnings commentary for the quarter ended June 30, 2025.</a>
104	Cover Page Interactive Data File (embedded within the Inline XBRL Document).

## 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.

Date: July 31, 2025

By: /s/ T. Bernie Blegen

**T. Bernie Blegen**  
**Executive Vice President and Chief Financial**  
**Officer**