

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549**

FORM 8-A
(Amendment No.)

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES
PURSUANT TO SECTION 12(b) OR 12(g) OF THE
SECURITIES EXCHANGE ACT OF 1934

MICRONET ENERTEC TECHNOLOGIES, INC.
(EXACT NAME OF REGISTRANT AS SPECIFIED IN ITS CHARTER)

DELAWARE

27-0016420

(STATE OF INCORPORATION OR ORGANIZATION)

(I.R.S. EMPLOYER IDENTIFICATION NO.)

70 Kinderkamack Road, Emerson, New Jersey

07630

(ADDRESS OF PRINCIPAL EXECUTIVE OFFICES)

(ZIP CODE)

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

Title of Each Class
to be so Registered

Name of Each Exchange on Which
Each Class is to be Registered

Common Stock, \$0.001 par value per share
Warrants to purchase Common Stock

The NASDAQ Stock Market LLC

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box . ☒

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), please check the following box. ☐

Securities Act registration statement file number to which this form relates:

333-185470

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

Not Applicable

(Title of Class)

Item 1. Description of Registrant's Securities to be Registered.

The description of the common stock and warrants of Micronet Enertec Technologies, Inc. (the "Registrant"), as included under the caption "Description of Capital Stock" in the prospectus forming a part of the Registration Statement on Form S-1 (File No. 333-185470), as amended (the "Registration Statement"), filed under the Securities Act of 1933, as amended (the "Securities Act"), with the Securities and Exchange Commission (the "Commission") is incorporated by reference herein. In addition, any description of such securities contained in a form of prospectus relating to the Registration Statement subsequently filed by the Registrant with the Commission pursuant to Rule 424(b) under the Securities Act shall be deemed to be incorporated by reference herein.

Item 2. Exhibits.

Under the Instructions as to Exhibits with respect to Form 8-A, no exhibits are required to be filed because no other securities of the Registrant are registered on The NASDAQ Stock Market LLC and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

Dated: March 26, 2013

MICRONET ENERTEC TECHNOLOGIES, INC.

By: /s/ David Lucatz

Name: David Lucatz

Title: Chairman and Chief Executive Officer
