

ENW ENERGY

The logo for ENW Energy is displayed in white, bold, sans-serif capital letters. The letters 'ENW' are significantly larger and more prominent than the word 'ENERGY'. A thick white horizontal bar is positioned directly beneath the 'ENW' portion of the logo. The entire logo is set against a solid blue background. The background is decorated with a complex network of white lines that resemble a circuit board or a digital data path. These lines are of varying thicknesses and include small white circles at various points, suggesting nodes or connections in a network. The lines flow from the bottom left towards the top right, creating a sense of dynamic movement and technological connectivity.

“Seeking ways to overcome barriers to entering the US market”

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1. Company Profile

Company History

- 2006. Established corporation
- 2011. **World-First** succeeded in **zinc-air battery powered EV drive test (307km)**
- 2015. **Awarded Prime Minister's Technology Grand prize**
- 2015. **First delivery** of communication radio use zinc-air battery to the **Ministry of National Defense of South Korea**
- 2015. **World-First export** of emergency use zinc-air battery to Japan (1 million USD)

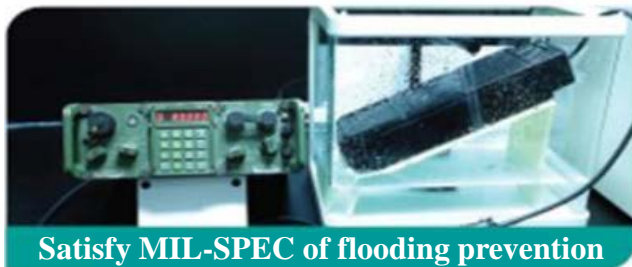
Zinc Air Battery by EMW Energy

Exclusive by EMW Energy

1. **SECOND IN THE WORLD** to have developed high-output zinc-air battery
2. **WORLD FIRST EMERGENCY USE** high-output zinc-air battery
3. **IN-HOUSE MANUFACTURING PROCESS** from mixing raw material to product
4. **COMPLETELY EXCLUSIVE TECHNOLOGY** with over 60 patents worldwide

2. Technical Capabilities & Main Product

Non-explosive Zinc Air Primary Battery



Type I Type II



BA-8180/U with J-6687/U
24V radio adapter (TAB C)



- **Non-explosive** even under shock, vibration, short-circuit, over-discharge and gunshot
- Does not contain **restricted materials** such as lead, mercury and radioactive substances
- **No self-discharge** when air-sealed

3. Difficulties in approach to US military equipment

Compatible US military equipment with Zinc Air Battery

Lack of information

- Dimension, Weight, Voltage/Current, Capacity
- Performance Test Criteria
- Pin Configuration
- Certification Procedures



Javelin CLU



SINCGARS



M-22 ACADA



SATCOM/HF



AN/PRC-117G



MBITR

4. Suggestion to US Military and contractors

Sharing information for required products between ROK and USA



BA-8140/U BA-8180/U



- Sharing related **specification and list** of required and available products between ROK and USA
- **Mil-Spec standards** such as dimension, weight, voltage/current, capacity, power consumption, connector, pin configuration for each equipment, etc.
- **Performance certification procedures** for related forms, institutions, standards, law, etc.
- Offering an opportunity of **being tested** by the US military with our products or **information for testing** on our own
- **Advance notice** of US military hardware required for development in future
- Opening of an **on-line commercial service website**

5. Benefits to both USA and ROK

I. Benefits to USA

- **Diversification** of vendors
- Being supplied for equivalent or superior products in performance currently used at lower price and **reducing costs**
- **Securing stable and continuous supply** from ROK vendors who can afford to establish a local subsidiary and factory production lines in USA
- Using ROK **exclusive technology & products** first

II. Benefits to ROK

- Entering into the **US market**
- **Enhancement of competitive power** in the worldwide market
- **Research & development** for various products
- Having an opportunity to inform **the excellence of ROK products**

6. Conclusion

By offering related information for US military specification to ROK vendors at an acceptable level, the US military and contractors can acquire products with **lower cost and better quality.**

- 1. Sharing information for related specification and list of products required by the US military.**
- 2. Offering US Mil-Spec standards for development and performance testing**

The background of the slide is a close-up photograph of two flags waving. On the left is the United States flag, showing the blue field with white stars and the red and white stripes. On the right is the South Korean flag, featuring a white background with a blue and red Taegeukgi symbol and black trigrams. The text 'Thank You!' is overlaid in the center of the flags.

Thank You!