General

UMPSA showcases ResQ Solar Emergency Power Station at National Preparedness Month 2025

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JERANTUT, 13 October 2025 - Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) strengthened its role as an institution that supports innovative green energy efforts by introducing the ResQ Solar Emergency Power Station in conjunction with the National Preparedness Month (BKN) 2025 Celebration held at Padang FA Jerantut, Pahang.
This innovative product was created by Senior Engineer from the Centre for Property Development and Management (PPPH), Ts. Haji Mohd Nurakla Mohd Azlan; Associate Professor Ts. Dr. Amir Abdul Razak from the Faculty of Mechanical and Automotive Engineering Technology (FTKMA); and Associate Professor Dr. Abdul Syukor Abd Razak from the Faculty of Civil Engineering Technology (FTKA).

This solar technology initiative was specially developed to meet urgent needs, providing a portable system that can be used immediately without complicated installation, making it an ideal choice for emergency authorities, rescue teams, and communities in disaster-prone areas.

According to Ts. Haji Mohd Nurakla, the ResQ Solar Emergency Power Station is an alternative electricity supply device based on solar energy, designed to replace conventional generators, especially in emergencies or during power outages.



“With plug-and-play technology, a solar-battery hybrid system, and smart control, this device enables various essential equipment, including LED lighting and basic medical devices, to receive power quickly and safely,” he said.
In addition, its durable design, silent operation, and zero carbon emissions make this UMPSA innovation not only responsive to crises but also supportive of the national sustainability agenda through ESG and SDG.

UMPSA also plays an important role in ensuring that sustainability practices are implemented through various green energy projects, such as floating solar and rooftop solar installations at the university.

This exhibition formed part of the National Preparedness Month initiative aimed at raising public awareness of the importance of disaster preparedness and the role of green technology in strengthening emergency response.

The opening ceremony was officiated by Deputy Prime Minister, Datuk Seri Dr. Ahmad Zahid Hamidi, who is also the Chairman of the Central Disaster Management Committee.

Various activities were held throughout BKN 2025, including exhibitions of logistics assets and disaster management machinery.

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