



Low-pressure solar-powered containerized drone station

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Michigan-based Sesame Solar's Drone Refueling Nanogrid (DRN) solution is designed to power unmanned aerial systems (UAS) off the grid, running entirely on solar energy to cut ...

The nanogrids leverage solar power, hydrogen, and battery storage to bring energy to the locations where it's needed. They are easily transportable and designed to withstand extreme ...

A new trailer unit developed by Sesame Solar produces hydrogen fuel where it is needed, shrinking the supply chain to nothing and enabling refueling of long-endurance drones at the front line.

Michigan-based Sesame Solar has introduced a solar-powered mobile refueling station known as the Drone Refueling Nanogrid (DRN), specifically designed to meet the energy needs of ...

A Michigan defense contractor has developed a mobile refueling system that generates hydrogen fuel from solar power and atmospheric moisture

A Michigan defense contractor has developed a mobile refueling system that generates hydrogen fuel from solar power and atmospheric moisture, enabling military drones to operate ...

By generating its own power through solar energy, hydrogen generation, and low-pressure solid-state storage, Sesame's Mobile DRNs function as the first closed-loop, mobile refueling...

High-efficiency Mobile Solar PV Container with foldable solar panels, advanced lithium battery storage (100-500kWh) and smart energy management. Ideal for remote areas, emergency rescue and ...

Strategically designed to be mobile and easy to transport, Sesame's Nanogrids can be rapidly deployed by land, sea, or air, wherever agencies need power. The system is safe to ...



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solar-powered

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