

Title: Solar unmanned base station

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Japan is aiming to reestablish itself as a leader in telecommunications technology with an ambitious plan to launch solar-powered, unmanned aerial vehicles (UAVs) equipped ...

Solar-powered unmanned aerial vehicles (SUAVs) are likely to become dominant in the near future. They have the advantage of low cost ...

Therefore, in this work, we examine the feasibility of an alternative energy-efficient deployment scheme where UAVs can be made to land-on designated locations, also known as ...

A solar-powered energy autonomous base station supporting autonomous take-off/landing and battery replacement of an unmanned aerial vehicle comprising an unmanned aerial vehicle ...

Our flagship programme, Zephyr, is a high-altitude pseudo-satellite that is powered exclusively by solar power. Known as a high-altitude platform station (HAPS), it can fly non-stop for months ...

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 ...

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