



Small drone with solar power

A drone weighing just 4 grams is the smallest solar-powered aerial ...

Researchers from the University of Beijing have unveiled an ultra-small prototype drone that can run on solar power indefinitely. Although far from a complete device, the micro-drone could...

Skydweller is a solar-powered drone that can fly for up to three months without landing, with researchers hoping to one day achieve much longer flight times.

Chinese scientists have developed a tiny, solar-powered drone that is by far the smallest and lightest of its kind. Dubbed the CoulombFly, the minuscule drone weighs only 4.21 grams -- less than a...

Discover how a solar-powered drone achieves sustainable flight without a battery. Learn about its design, testing, and future plans.

Meet CoulombFly, the solar-powered micro drone, ready to astonish you. Originating from Chinese engineering labs, this technological marvel weighs less than a coin but promises to revolutionize the ...

Researchers have built an ultralightweight solar-powered drone that is capable of unlimited flight during the daytime. The device, called ColumbFly, weighs just 4 grams and uses a solar cell to...

The device takes the low voltage from solar cells (similar to a AA battery) and boosts it up to thousands of volts that the drone's motor needs to fly. It's like using a bicycle pump to inflate a tire, but instead of air pressure, ...

A drone weighing just 4 grams is the smallest solar-powered aerial vehicle to fly yet, thanks to its unusual electrostatic motor and tiny solar panels that produce extremely high voltages.

Dubbed then as the smallest and lightest solar-powered aerial vehicle, it is small enough to sit on the palm and is engineered to fly indefinitely while the sun shines on its wings.

Scientists in China have built what they claim to be the smallest and lightest solar-powered aerial vehicle. It's small enough to sit in the palm of a person's hand, weighs less than a U.S. nickel, and can fly ...



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