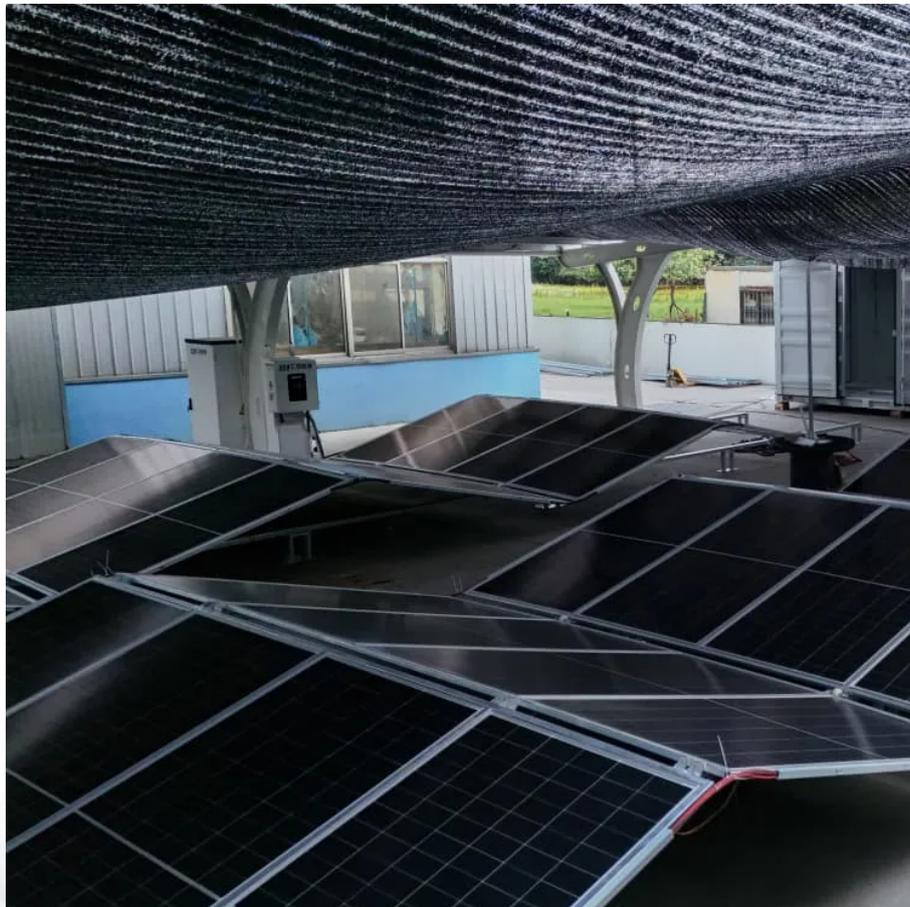


25kW Foldable Container for Unmanned Aerial Vehicle Stations





Overview

What is uncrewed aerial vehicle (UAV)?

Rapid innovation in Uncrewed Aerial Vehicle (UAV) capabilities enable the opportunity for novel drone applications. Specifically, the growing use of UAVs in sea.

How will next generation wireless networks be supported by unmanned aerial vehicles?

Next generation wireless networks are expected to be greatly supported by unmanned aerial vehicles, which can act as aerial base stations and constitute a promising solution for the exorbitant rise in user demands.

Can a multicopter be folded for rapid deployment?

Rapid deployment of UAVs by ejection or hand-throwing is used to improve the portability of UAVs by folding to accommodate the rapid response needs of UAVs in complex scenarios. Although ejection or manual drop-and-throw fixed-wing aircraft have been widely used [1, 2], multicopter that can be folded and allowed for rapid deployment is not common.

What are the characteristics of unmanned aerial vehicles?

This is possible because of unmanned aerial vehicle characteristics such as mobility, flexibility, increased line-of-sight probability, and their ability to access unreachable locations.



25kW Foldable Container for Unmanned Aerial Vehicle Stations



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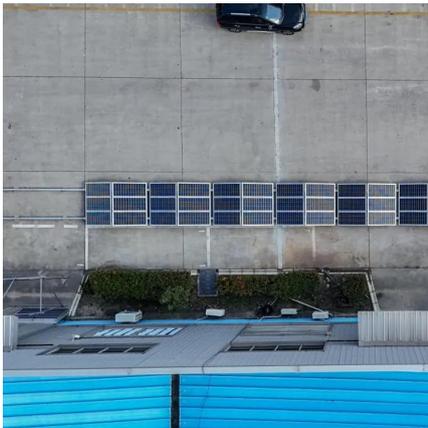
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