

# Georgetown drone station uses outdoor telecom enclosure for two-way charging

To Strive forward No Energy Waste



- ✓ All in one
- ✓ 100~215kWh High-capacity
- ✓ Intelligent Integration



## Overview

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Its dome-shaped enclosure and circular surface enable it to wirelessly charge and house two drones simultaneously. Automatic charging docking system that allows a battery-powered device to find and connect to a charging station without manual intervention. We are constantly integrating new existing and custom drones via swappable charging floors. If your drone fits in the dock, we can integrate it. We have developed two independent. Damage-resistant and reliable outdoor enclosures are key for outdoor telecommunication applications from cell tower sites and fiber optic networks to substations.



## GSC (Ground control station)

Communications Equipment: This component includes a transmitter and receiver system that enables two-way communication between the drone and the control station. The communication

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## Drone docking station and docking module

Unlike other charging solutions, in particular embodiments, this system focuses on securing the drone with a docking mechanism instead of allowing the drone to land anywhere on a charging

## Telecommunication Shelters & Enclosures , Module X Solutions

A telecom shelter protects ground-based telecommunications equipment. The structure is built from precast concrete or lightweight steel for longevity, typically offering more than 50 years of service.



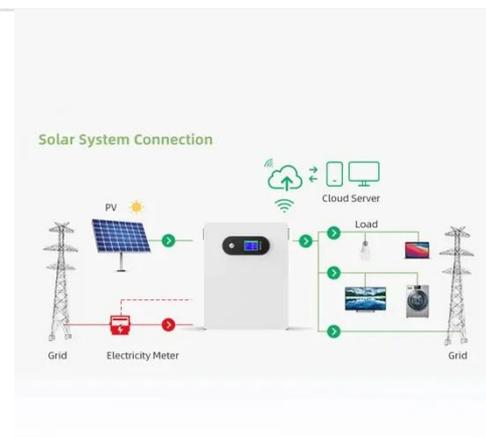
## Outdoor Telecommunication Enclosures



Versatile installation features: Our enclosures have two universal wall and pole mounting brackets and an adjustable and removable back plate. This construction allows for smooth installation on various ...

## Design and Validation of a Wireless Drone Docking Station

One of the most promising solutions to extend drone power autonomy is the use of docking stations to support both landing and recharging of the drone. To this end, we introduce a novel wireless drone ...



## Optimization of drone base station locations and mobile charging ...

The focus is on using drones as communication tools to address this challenge. The study explores the use of drones as data collection and transmission platforms in disaster-stricken areas.

## Best Drone Docks in 2024

Compatible with DJI Phantom, Mavic 2, Mavic Mini, and Mavic Air drones, this rugged docking station supports a contact-charging platform and smart air-cooling system for increased ...



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