

PEES Power Systems

Modular outdoor cabinet-based unmanned aerial vehicle station grid-connected



Modular outdoor cabinet-based unmanned aerial vehicle station grid



MRS Modular UAV Hardware Platforms for Supporting Research in ...

This paper presents a family of autonomous Unmanned Aerial Vehicles (UAVs) platforms designed for a diverse range of indoor and outdoor applications. The proposed UAV design is highly ...

Unmanned aerial vehicle base station

Embodiments of the present application relate to the technical field of outdoor base stations, and particularly disclosed is an unmanned aerial vehicle base station.



Recent developments in modular unmanned ground vehicles: A review

The proposed solution is based on six LiPo cells, connected in series, and a 200 W PEM fuel cell stack, directly connected in parallel to the battery without any limitation to its charge.

A Modular Multirotor Unmanned Aerial Vehicle Design Approach for

In this paper, a comprehensive mathematical description of a multirotor UAV, with various configuration parameters, is given. A modular design approach for the development of an educational multirotor ...



2MW / 5MWh
Customizable



Towards an Open Source Fully Modular Multi Unmanned Aerial ...

In this paper, we present AirMobiSim, a modular and microscopic UAV simulation framework, which is available under a GPLv2 license. AirMobiSim provides the basis for the creation of kinematic and ...

Modular unmanned aerial vehicle platform design: Multi-objective

The modular UAV-based platform is designed and developed for multiple air pollutants real-time monitoring. The testing of the prototype UAV system is done in representative settings. The ...



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The present invention provides a lightweight modular general storage platform for an unmanned aerial vehicle, comprising a landing platform, a rotating platform, and a servo control unit.

Concept of a Modular Multirotor Heavy Lift Unmanned Aerial Vehicle

The proposed novel modular heavy lift aerial platform consists of a propulsion module with a central assembly to which other aircraft modules and rotor arms are connected.



ESS



MRS Drone: A Modular Platform for Real-World Deployment of Aerial ...

This paper presents a modular autonomous Unmanned Aerial Vehicle (UAV) platform called the Multi-robot Systems (MRS) Drone that can be used in a large range of indoor and outdoor ...

PRECISION AUTO-LANDING OF AN AERIAL VEHICLE ON A ...

We discuss the operational framework that enables the un-manned aerial vehicle (UAV) to land on the moving unmanned ground vehicle in a diverse array of scenarios.



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