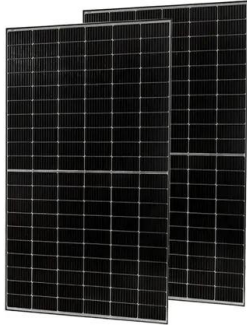


European Solar and Energy Storage Solutions

Redeem solar technologies New Caledonia



Redeem solar technologies New Caledonia



Austrian company Redeem's new technology for solar hydrogen

The solution by Redeem Solar Technologies. The Austrian company Redeem Solar Technologies, incubated in the ESA BIC Austria, is developing a new technology that produces solar hydrogen by using channel plate reactors packed with a specially designed photocatalyst and equipped with membrane sheets for immediate hydrogen purification.

Redeem Flow Reactor -- Redeem Solar Technologies

The Redeem Flow Reactor offers scalable, green, and efficient synthesis, while being customizable, scalable and providing maximum product purity. Our technology ensures sustainability over the entire life cycle. We built our technology with the environment in mind; our reactors are well suited for photochemical and solar chemical



Solar green hydrogen: unleash the power of ...

The Austrian company Redeem Solar Technologies, incubated in the ESA BIC Austria, is developing a new technology that produces solar hydrogen by using channel plate reactors packed with a specially designed photocatalyst and ...

CRM: The Backbone of Green and Digital Future -- Redeem Solar Technologies

Have you ever wondered what fuels the technologies that are shaping the future--electric cars, smartphones, renewable energy systems? The answer lies deep within the Earth, in substances known as critical raw materials (CRMs). These materials are essential to the European Union (EU) because they a



Redeem Solar Technologies

Redeem Solar Technologies (Redeem) revolutionizes the chemical industry by developing a patent-protected modular and stand-alone photocatalytic technology that runs on solar energy to produce hydrogen, fertilizers, and chemicals.

Redeem Photo Reactor -- Redeem Solar Technologies

Redeem replaces thermal reactors with modular, and scalable photocatalytic reactors that harvest the energy in sunlight directly with reusable photocatalyst. Our technology ensures sustainability over the entire life cycle. We built our technology with the environment in mind; our reactors are well suited for photochemical and solar



Are you ready to power tomorrow, today?

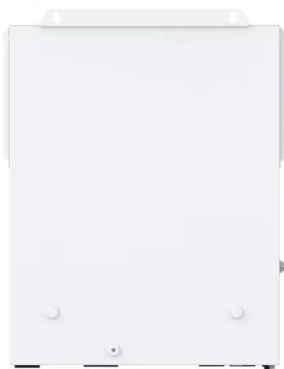
Dive deep into the world of green hydrogen and clean chemicals production with Redeem Solar Technologies' comprehensive Resources section!

Unlock a treasure trove of brochures, videos, and guides designed to enlighten and empower.



AI in the chemical industry -- Redeem Solar Technologies

Have you ever wondered how cutting-edge technologies like artificial intelligence (AI) are transforming traditional industries? Well, the chemical industry is no exception, and AI is playing a game-changing role in redefining how chemicals are developed, produced, and optimized. But how exactly do



About us

Guided by a steadfast mission, we aim to conceptualize, develop, and implement cutting-edge devices dedicated to harnessing light. Our objective is to contribute to a sustainable future by providing the world with green energy, chemicals, and active pharmaceutical ingredients (APIs) through innovative technologies that leverage the power of light.

Redeem Solar Technologies

Unlock the future with Redeem Solar Technologies - pioneers in green hydrogen and sustainable chemical production using solar power and photocatalysis, in our cutting-edge flow chemistry solutions. Empowering a sustainable tomorrow.



Redeem Solar Technologies , LinkedIn

Redeem Solar Technologies , 1.051 Follower:innen auf LinkedIn. Empowering Tomorrow: Harnessing Photochemistry for Solar Chemical Production , Welcome to Redeem Solar Technologies - Pioneering the Future of Chemistry! ? Founded in February 2023 and proudly based in Graz, Austria, Redeem Solar Technologies is at the forefront of transforming the ...



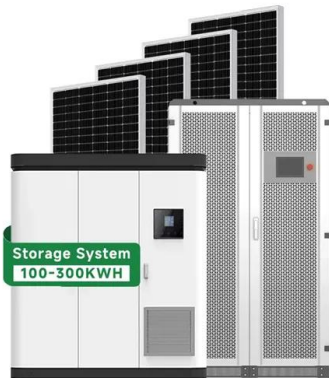
Application: Photo-Chemicals -- Redeem Solar ...

This cohesive design ensures optimal functionality and efficiency, making Redeem Solar Technologies a leader in innovative chemical processes. One of the standout features of Redeem Photo-reactor is the optional embedded ...



Redeem Solar Technologies

Redeem Solar Technologies distills the complex supply chain of green hydrogen down to the RedSOL® solution, a modular and easy to deploy photo-catalytic solar reactor that will accelerate the transition to carbon neutral industry and



mobility.

About Redeem Solar Technologies

By early 2023, Redeem Solar Technologies had officially emerged on the scene, heralding a new era of photocatalytic production. With a growing team and a relentless drive for improvement, Redeem set its sights on making a significant impact in the world of sustainable technology, fueled by the passion and expertise of its founders.



Solar green hydrogen: unleash the power of photochemistry with Redeem

The Austrian company Redeem Solar Technologies, incubated in the ESA BIC Austria, is developing a new technology that produces solar hydrogen by using channel plate reactors packed with a specially designed photocatalyst and equipped with membrane sheets for immediate hydrogen purification.

THE REDEEM SOLAR TECHNOLOGIES SOLUTIONS

Embrace a new era of sustainable chemical production with Redeem's innovative photo-

chemical Flow-reactors. By enabling local production at an unprecedented level of sustainability, our technology aligns perfectly with evolving regulations and industry guidelines, propelling the chemical sector towards a greener future.



Redeem Solar Technologies: Powering Tomorrow, Today -- Redeem Solar ...

The Redeem Photoreactor produces green hydrogen in just one step and without the use of electricity. Other key applications include green fertilizer production, wastewater management, and photochemicals.

Impressum

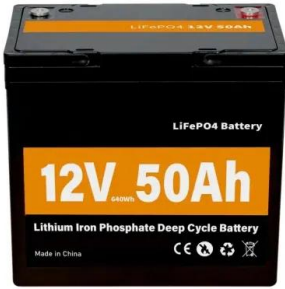
-Redeem Solar Technologies GmbH-Handel mit
Waren aller Art-UID-Nr: ATU79216215-FN:
598642 g-FB-Gericht: Landesgericht für
Zivilrechtssachen Graz-Stremayrgasse 16/4. Sitz:
8010 Graz. Austria-Tel: +43 670 204 1333-E-
Mail: office@redeemtechnologies



Ever thought about becoming a chemical engineer? -- Redeem Solar

Have you ever stopped to think about how products as diverse as fuel, cosmetics, medicines, and food are made? Every single one of them involves complex chemical processes, and at the heart of designing and improving

these processes lies one field: chemical engineering. Chemical engineering is a br



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