



Guernsey powerup technologies

Who is powerup energy technologies?

Estonian cleantech startup PowerUP Energy Technologies is seeking to do just that. Led by researcher-entrepreneur Dr. Ivar Kruusenberg, PowerUP Energy Technologies has recently launched its first hydrogen fuel cell generator - the first of a product range set to cover plenty of use cases.

How does powerup generator work?

Clean power, green future. PowerUP's generators are based on proton exchange membrane (PEM) fuel cells, which makes power generation efficient and environmentally friendly. Our fuel cell based generators use hydrogen gas as fuel. The chemical energy of the fuel is directly converted to electrical energy.

Is powerup energy technologies implementing a clean solution?

"PowerUP Energy Technologies instead, is implementing the clean solution described across its whole product range exactly to cover a wide variety of use cases. The just-launched UP400 is just the beginning, as it testifies the high volume of orders the company has already received," Kruusenberg says.

What is a powerup smart generator?

PowerUP's smart generators are a plug-and-play solution requiring just two inputs: Oxygen, from the surrounding air available en masse on our planet.

Cleantech start-up, PowerUP Energy Technologies, has unveiled their 400W portable hydrogen fuel cell generator today. Their fuel cell-based generator is portable yet durable. It emits only water vapor as it uses the cleanest and the most abundant fuel on the planet, hydrogen.

Cutting-edge technology allows us to generate power from simply combining hydrogen and oxygen. So why shouldn't the average consumer, on a boat or in a camper van, have easier access to such green energy too? Estonian cleantech startup PowerUP Energy Technologies is seeking to do just that.

Our novel solution allows you to connect the fuel cell unit in combination with an external battery with solar panels and wind turbines to produce and store excessive energy for future usage. The UP400 integrates fuel cells with pioneering battery technologies to make the generator smart.

PowerUP Energy Technologies was created to improve sustainability and reliability in the energy sector. With a vision of a cleaner tomorrow, PowerUP develops and manufactures high-quality, sustainable energy generation products. Boasting 20 years of experience in fuel cell technology, we stand as an innovator in the fuel cell technology market.

PowerUP produces hydrogen fuel cell-based generators. These smart generators are sustainable, compact, lightweight, noise-free, odourless and require minimal maintenance. The UP product range has the potential to



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revolutionize various industries such as medical, marine and construction industries.

PowerUP Energy Technologies is a leading-edge company within the industry, ready to upend the backup power solutions market. In partnership with giant telecom companies like Tele2 and Telia, PowerUP is leading the way towards using hydrogen fuel cell generators as backup power sources, changing the conventional conception of backup power ...

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