



Gabon visblue flow battery

Why should you use VisBlue's battery solution for storing green power?

Check out our products. You get plenty of advantages when you use VisBlue's battery solution for storing your green power. The technology offers a safe and more environmentally friendly battery solution that makes it possible to store more of the energy produced by the solar cells.

Is VisBlue a custom battery solution?

The VisBlue Battery Solution is custom made for the specific customer at hand, so as it meets whatever energy requirements the customer may have. Please, feel free to contact us to see if we can tailor a solution that fits exactly your needs. Write to us at sales@visblue.com Is a battery solution from VisBlue recyclable?

Are VisBlue batteries reusable?

The core of a VisBlue Battery Solution consists of the following major components: an electrolyte stack and two tanks, which are made of conventional plastic, and these are either recyclable or reusable. Furthermore, two metal plates hold the stack together, and these are also recyclable.

Is VisBlue scalable?

Yes, our battery solution is scalable and can be tailored to fit the needs of the customer. This is possible, as we can both design and arrange the desired number of VisBlue units to meet the energy requirements of the customer.

Is VisBlue a 'call for Innovation - Design the sustainable future of manufacturing'?

VisBlue has been selected as winner in the "Call for Innovation - Design the Sustainable Future of Manufacturing" by Philip Morris International in the category "Clean Energy and Environmental Impact Reduction" Read more here VisBlue.com gets a major upgrade!

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A battery solution from VisBlue consists of the following major operating components: vanadium electrolyte, tanks, pumps, and electrode stack. These components are separated and are therefore easy to remove and recycle separately.

The VisBlue Vanadium Redox Flow Battery has an energy storage capacity ranging from 25-500 kWh and a nominal charge/discharge power of 5-100 kW. It has dimensions of 1740 x 1605 x 1736 mm and weighs less than 1,500 kg/m².

The VisBlue Battery Solution is a self-developed battery, based on redox flow technology. The battery can

store the solar energy you produce in a day and save it for later use. This makes it possible for the consumer to save money on grid purchase.

Just like a regular battery. The cathode and anode consist of the same vanadium-solution with high electrical storing properties. The unique ability to reach four oxidation levels is the crucial skill that enables VisBlue to have the same electrolyte in both tanks.

The company's batteries contain materials that can easily be recycled at the end of the life cycle and use redox flow battery technology where the electrical power and storage capacity can be scaled independently, thereby helping housing associations, self-governing institutions, and municipalities, to store more of the energy produced by the ...

The tanks in a redox flow battery are used to store the electrolyte solutions and control the flow of the solutions through the cell stack. In our battery, we use high-quality tanks that are made from corrosion-resistant materials and have a long service life.

Med et redox flowbatteri kan du lette dette problem. Teknologien tillader flere op- og afladninger, og for et VisBlue batteri, er levetiden tilsvarende et solcelleanlæg. Derudover, med VisBlues redox flowteknologi, forringes elektrolytten ikke, og batteriet er 99% genanvendelig.

How a flow battery works o A vanadium redox flow (VRF) battery has two separate tanks, one containing a positive and one a negative electrolyte. Both electrolytes consist of the element vanadium dissolved in sulphuric acid, with the vanadium occurring in different oxidation states (valences). o The battery also has a number of battery cells.

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