

Lead-acid batteries are only 80%-85% efficient, depending on the model and condition. This means that if there are 1,000 watts of solar coming into the batteries, there are only 800--850 watts available after the charging and discharging process. Meanwhile, lithium-ion batteries are more than 95% efficient.

SolarBW is the leading solar power energy company in Botswana and South Africa that distributes Victron Energy products, Freedom Won Lithium Iron Batteries and high quality solar panels.

When it comes to solar panels, the most debated type of battery to partnered with solar panels are the Gel battery and AGM batteries. However, not all solar installations are identical, and there are several factors such as climate and discharge demands to ...

Solar pumps are the perfect solution for those looking to optimize their irrigation systems while also reducing energy costs. With advanced features like automatic controls and customizable settings, our pumps are designed to provide ...

Our strategic partners include Freedom Won Batteries, Fronius Inverters and Monitoring Systems, Renewsys Solar PV Modules and all Victron Energy Products. Our Freedom Won Batteries offer a 10 year guarantee, Fronius offers a 5 year guarantee which is extendable up to 20 years, our Victorn Energy products offer a 5 year guarantee.

We distribute Victron Energy products, Freedom Won Lithium Iron Batteries and other high quality solar panels. SolarBW & Widowbird Solar Solutions design and install customized high quality Solar Systems and PV Installations for the large scale commercial and residential sector.

In most cases, lithium ion batteries are the best option for a solar panel system, though other battery types can be more affordable. Which solar battery lasts longest? Three types of batteries are commonly used in solar storage: lead-acid, lithium-ion, and saltwater.

We size solar panel capacity to match your average electricity usage with batteries to power critical loads during grid failures. Reliable backup power allows your family or company to thrive through Botswana's ongoing electricity crisis.

AIMS Power inverters are available up to 8000 watts throughout Botswana in 12, 24 & 48 volt models for off-grid, mobile & emergency backup power applications. FREE SHIPPING (some products excluded)

Solar pumps are the perfect solution for those looking to optimize their irrigation systems while also reducing energy costs. With advanced features like automatic controls and customizable settings, our pumps are

designed to provide efficient and reliable performance for farmers and land owners who want to take advantage of the power of the sun.

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