



# Cegasa battery Pakistan

What makes Cegasa a good battery?

Cegasa's unique formulation makes it possible to offer an exceptionally energy dense battery. Up to five times more energy in the same space and up to eight times longer life. Thanks to the high stability of the output voltage regardless of the discharge state of the battery, we can utilise the battery's energy to the fullest. 02.

Are Cegasa batteries recyclable?

At CEGASA, we've developed a formulation that allows us to manufacture batteries without polluting elements that are harmful to nature. It doesn't contain any highly polluting heavy metals, as is the case with other technologies that use cadmium, mercury, or lead. That is why our batteries are 100% recyclable.

Are Cegasa batteries flammable?

None of the battery components are flammable and no gas emissions are released. CEGASA's unique technology is totally safe. It's built using a formulation of solid state elements that eliminates the risk of liquid leakage. The nature of its composition ensures intrinsic safety with no risk of explosion or gas emissions.

How many kWh is a Cegasa ebick battery?

Each Cegasa eBick battery module is 13.5 kWh, approximately 280Ah at 48V (52.2V maximum). The allowable charge and discharge rates are managed automatically by the Cegasa BMS and GX device. Temperature effects on charge rates should be considered in the design stage in hot and cold climates.

Can I use a GX device with a Cegasa battery?

Both Cegasa and Victron will be reluctant or even refusing to give support to systems that are not sized according to the minimum battery configuration table. It is essential to use the BMS-Can connection of a GX device with the Cegasa batteries for the communication of charge and discharge limits, error codes and state of charge.

What is the charge current limit of a Cegasa battery?

In normal working conditions, the discharge current limit (DCL) is ~140 A per module. For example, 280A charge current limit (CCL) ( $280 / 140 = 2$ ) means there are 2 Cegasa battery cells connected. Reporting of additional cell level details (e.g. Lowest and Highest cell voltages etc) to the GX device is not currently supported.

ISLAMABAD: Pakistan's largest independent power producer is set to enter lithium mining, battery manufacturing and electric vehicle (EV) production under Pakistan's Special Investment ...

CTO - CEGASA. Producers of electrochemical components for cells manufacturing. High density primary cells producer for industrial applications based on Zinc-Air ... Battery pack o Laser welding o Optimized box Technological targets. General information: info@cegasa - + 34 943 780 352 Title:



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