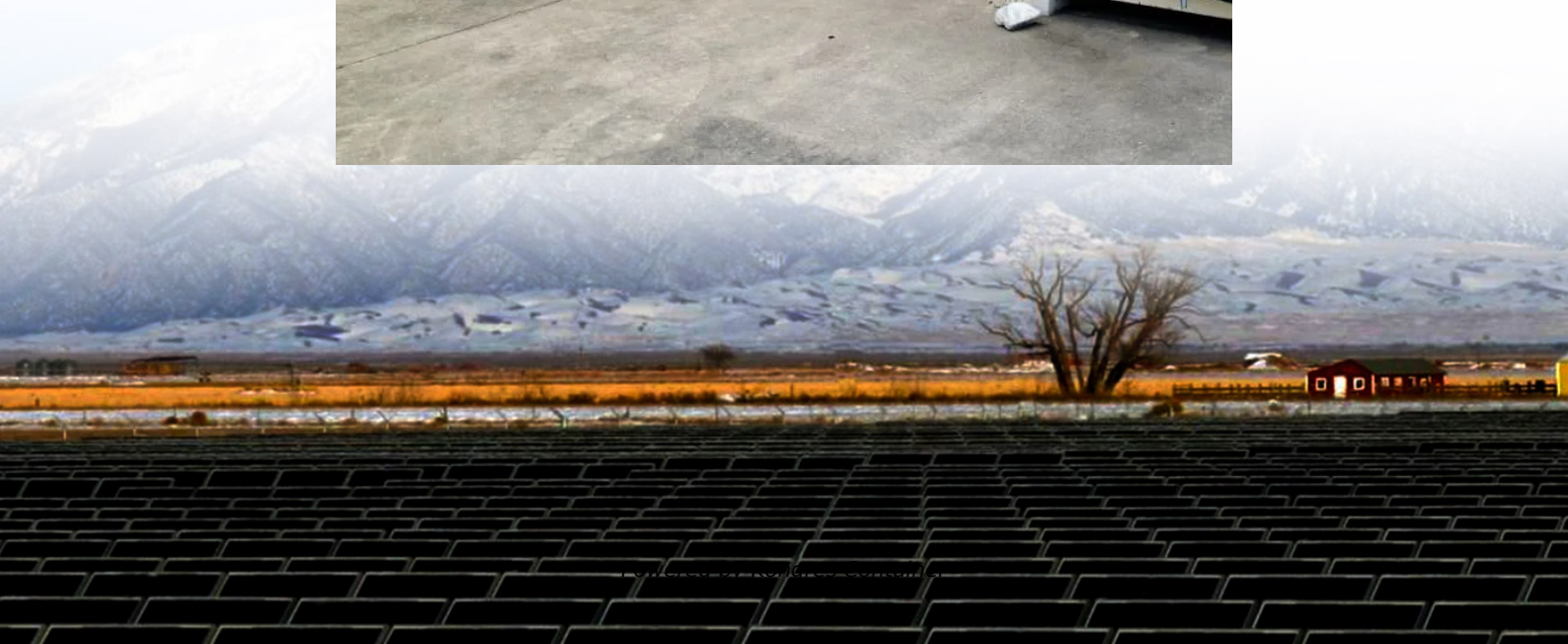


Kongres Container

Can a 3C discharge lithium battery pack drive an 800W motor



Overview

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Just by the numbers $500\text{watts} / 48\text{v} = 10.5$ amps. So you will need a battery that can output 10.5 amps. The reason this matters is that most controllers have a low voltage cut point that prevents you from overcharging the battery. A higher voltage pack has a higher voltage reading when empty. Does.

The C rating measures a battery's discharge rate relative to its capacity. This chart helps users select appropriate batteries for their devices. The chart displays various C ratings and their corresponding discharge times. A 1C rating means the battery discharges fully in one hour. A 2C rating.

The C rating is the rate of charge or discharge related to battery capacity. A 105AH battery discharging at 1C rate will be discharging at 105Amps and will be empty in 1 hour. A 105AH battery discharging at 3C will be 315amps and will be empty in 20 minutes (1/3 of an hour). Charging works exactly.

3C mean the discharge rates of a lithium battery. which mean that a fully charged battery rated at 2Ah should provide 6A for one third hour. The same battery discharging at 1C should provide 2A for one hours, and at 2C it delivers 4A for 30 minutes. The 3C battery is a lithium-ion battery that.

The term "3C" can refer to two very different things in the world of batteries: the 3C electronic battery and the C-rate (discharge rate) of a battery. Understanding both aspects of 3C batteries is essential for anyone looking to dive deeper into battery performance, efficiency, and.

A 1C (or C/1) charge loads a battery that is rated at, say, 1000 Ah at 1000 A during one hour, so at the end of the hour the battery reach a capacity of

1000 Ah; a 1C (or C/1) discharge drains the battery at that same rate. The Ah rating is normally marked on the battery. Last example, a lead acid.

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