



# Deep cycle battery size chart

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You may have heard common terms like a "group 24 battery" or "type 27 marine battery." Then our battery group size chart below may come in handy to help you find the right deep cycle battery. These numbers are referring to the Battery Council International, or BCI, Group Number of the battery.

**Common Battery Sizes by Vehicle Type.** The BCI designations include the group definition, dimensions, measurements, types, sizes, and other characteristics. The battery conversions chart can help you to cross-reference battery sizes, but it is also useful to understand the various group sizes that are designated for different types of vehicles.

We suggest selecting a 12 volt deep cycle marine battery with at least a 110 amp hour rating. You can use the chart below and this formula for determining Estimated Runtime. Selecting the correct type of battery to run a Minn Kota Trolling Motor

The marine battery size chart is incredibly helpful to boat owners, as it outlines the standard battery tray sizes used in boating. It breaks down different group sizes - 24, 27, 31 and 8D - which are tailored towards particular boats from low-consumption vessels to more demanding motorboats or devices needing a power supply.

Flip any random battery over, and you'll find many numbers and letters describing that product's type. As if it wasn't difficult to decipher between lead-acid and AGM batteries, you may have encountered marine battery group size descriptions. Don't muddle around in the dark anymore. It's time to take a hard look at this battery size chart so that it makes sense during your next purchase.

The BCI or Battery Council International created this battery size chart to standardize the industry. By selecting a group 24 battery, for example, you know the exact size that you're purchasing. Regardless of the battery's manufacturer, the group size is a standard value to trust in.

BCI tries to minimize the number of changes to the chart, but adjustments can be made over the years. If you're in the market for a new battery, verify the old battery's group size and current specifications.

If you compare a group 24 battery and group 27 deep cycle battery together, you'll notice that the mp hours are slightly higher on the group-27 product. This specification difference is made on purpose by the manufacturers.



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In general, a group size with a higher number has more amp hours than lower values. This fact translates to more power in your battery as the day goes on. You shouldn't have to drag your boat into the dock because of inadequate amp hours on the battery.

Along with the group-size numbers, you might see letters printed on your battery. For marine applications, look for group sizes indicating the letter 'M'; These batteries are designed for watercraft applications.

Although you may find the right group size for your vessel, don't use a battery without the 'M' designation. The internal construction won't work in the long run for your boat. Batteries will decline with rapid ease. Don't leave yourself stranded with an improper battery.

You might discover that an enhanced battery might help your progress on the water. The battery's tray, however, limits the marketplace sizes. You can change battery sizes by upgrading your tray. Pay careful attention to the surrounding items so that nothing is pinched or hindered otherwise.

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