

# Selecting Your Battery

## Picking the best battery for your application.

Your new **Scanner**, **Checkmate**, or **RVCHECK** is not fussy about the battery you install.

As a result, you are free to select a battery with those specific attributes that are most important to your intended usage. The table below shows some things to consider when selecting a battery for your new light tester.

The **Express Garage** requires a group 22NF battery, but the type and capacity of that battery will depend on your intended usage.

<b>TYPE</b>	Usually, we suggest you install an inexpensive lead-acid automotive battery. Don't bother with long warranties or CCA ratings; they aren't necessary. Deep-cycle and gel cell batteries are OK for the <b>Express Garage</b> , or anytime your tester must go for extended periods without charging, but they're more expensive and their extra weight might be an issue with hand-carried testers.
<b>SIZE</b>	The maximum recommended battery size for <i>hand-carried testers</i> is the BCI group 24 (except group 24 Marine). Group 24 batteries have the following dimensions: 10" long x 7" wide x 9" high (over terminals). If you're installing the optional <b>Deltran Battery Tender</b> charger/maintainer, the "group" U1 size battery is highly recommended because it's small and leaves ample room for the charger inside the carrier. For mounting inside the <b>Express Garage</b> , the "Group" 22NF battery, either regular or deep-cycle, is specified.
<b>RESERVE CAPACITY</b>	The most important value to consider is the battery's reserve capacity. This is a measure of your battery's ability to release power over a period of time.  This "rule of thumb" is useful when specifying reserve capacity: when testing typical van trailers with standard incandescent lighting equipment, the number of minutes of useful life per charge is roughly equal to twice the battery's reserve capacity. Trailers with the new LED lighting equipment draw far less current (only about 1/6 <sup>th</sup> as much) and, therefore, battery life will be greatly extended.
<b>WEIGHT</b>	For hand-carried testers, a maximum battery weight of 31 lbs. is recommended. There is no weight recommendation for the <b>Express Garage</b> .
<b>TERMINALS</b>	Post, lug, or stud terminals are acceptable. Avoid side terminals as they might make battery installation difficult.