



Dakota 48v lithium battery

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Optimized for deep cycle and marine applications like 48V golf carts, 48V solar energy storage, 48V electric outboard motors, or any 48V application where you need steady power for a long time.

96 Ampere hours (Ah). Dakota Lithium batteries provide consistent power for all 96 Amp hours. DL LiFePO4 batteries have a flat voltage curve, which means they have a steady power output as the battery discharges. The power output will not dramatically drop like similar sized SLA batteries. You get all the juice down to the last drop.

Up to 100% capacity for 2,000 recharge cycles (100%DOD), 80% capacity at $\geq 4,000$ recharge cycles (80%DOD), 50% capacity at $\geq 6,000$ (50%DOD - battery half life). The typical SLA has 500 cycles. Dakota Lithium batteries last so long that the price per use is a fraction of traditional batteries.

Ideal for rugged & harsh environments. Much better than SLA or other lithium's. -20°F min, +120°F max optimal operating temps (battery performs well down to -20°F). Avoid charging below 32°F.

Contains a circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life. A LiFePO4 battery charger is required to turn the battery back on after a BMS cut off

All batteries are UN38 certified. Dakota Lithium's cells are UL1642 certified and have been tested per IEC62133 standards. Meets all US & International regulations for air, ground, train, & marine transport.

This single 48V battery will replace a set of 6V, 8V, or 12V batteries in a 48V cart. This battery is suitable for most carts with a max speed of less than 27 mph and a motor controller rated under 240 Amps. If your motor controller is rated 240 Amps or higher, you may need two of these 48V batteries in parallel (some dune buggies, off-road carts, ATVs, and high speed carts fall into this category).

The DL 48V 96Ah battery is built with Dakota Lithium's legendary LiFePO4 cells. 5,000+ recharge cycles (roughly 5 year lifespan at daily use) vs. 500 for other lithium batteries or lead acid. Optimal performance down to minus 20 degrees Fahrenheit (for winter warriors). Plus twice the power of lead-acid batteries at half the weight.

I replaced 4-12 volt with this 48V96AH, I can't believe the difference it made and the distance I get with my cart. I use my Club Car for hunting, I have knobby tires on the rear and with the loss of approximately 280lbs of battery weight my cart can really climb hills !!! I realize the battery is expensive but with wet cell batteries only lasting 3-5 years I thought I would give it a try and I love it!!!



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The 48v Dakota battery is functioning as expected in my 2017 Clubcar President. Installation is not a simple drop-in. The battery compartment is partitioned and the center divider has to be dealt with, as the Dakota spans both halves of the compartment. (not a deal breaker) Then terminal studs are a bit short, connecting the car wires and the leads for the charger wires is almost not enough threads. Performance has been excellent so far.
F Stoltz

Everything was going just great and I was elated with my Dakota battery until this week when my charger didn't charge. Fortunately, my installer, Dave M., replaced the defective charger within 30 MINUTES of my call. WHAT INCREDIBLE CUSTOMER SERVICE! I hope to give a 5 star review next time.

Love these batteries. I replaced 8 6V AGM batteries with a total weight of 960lb with 3 of the 48V Dakota batteries at under 300lbs total. What a difference removing all that weight has in my sailboat!! That's right, these power a 10KW electric motor in my 36' sailboat. (as well as the house circuitry through a 48-12v step down converter) Better performance and a lot less weight; winner winner !!

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