

How many amp hours do I need?

36V Vehicles

Class 1 - Standard Golf Carts

2 Passenger vehicles

Cart Top Speed 12-16 mph | Stock (not modified) controller

Standard Setup: (72Ah) 20 - 25 Miles

Extended Setup: (105Ah - 108Ah) 30 - 35 Miles

Class 2 - Upgraded Golf Carts

2-4 Passenger vehicles

Cart Top Speed 17-23 mph | Modified/upgraded controller | Larger tires with lift kit | Multiple 12V accessories

Standard Setup: (105Ah - 108Ah) 35 - 40 Miles

Extended Setup: (144Ah) 45 - 50 Miles

Class 3 - Performance, Off-road, & People Movers

Cart Top Speed 24-35 mph | Modified/upgraded controller | Larger tires with lift kit | Multiple 12V accessories

Standard Setup: (180Ah) 40 - 45 Miles

Extended Setup: (216Ah) 50 - 55+ Miles

Additional notes - Mileages based on vehicles with 1-2 passenger on average terrain.

- If the vehicle regularly has 3+ passengers onboard or is driven on hilly terrains, choose the Extended Range option which will produce Standard Range.

- Off-Road driving may derate stated miles.

- Additional batteries can be added to the cart after install! Great for users who want additional run-time after initial installation.

**It never hurts to have more amp hours than the recommendation,
it only helps the life and performance of the batteries**

*Ratings are estimates and there are many factors to consider when determining the amp hours needed for your golf cart, including peak current draw (typically under conditions of acceleration, hills, more weight, etc). The Classes are displayed by speed because often the higher top speed means the controller has a higher amp rating, which will allow higher peak amps, and thus require more amp hours to handle those higher amp moments, not just for longer run time or distance.

How many amp hours do I need?

48V Vehicles

Class 1 - Standard Golf Carts

2 Passenger vehicles

Cart Top Speed 12-16 mph | Stock (not modified) controller

Standard Setup: (60-65Ah) 30 - 35 Miles

Extended Setup: (90Ah - 105Ah) 40 - 50 Miles

Class 2 - Upgraded Golf Carts

2-4 Passenger vehicles

Cart Top Speed 17-23 mph | Modified/upgraded controller | Larger tires with lift kit | Multiple 12V accessories

Standard Setup: (90Ah - 105Ah) 30 - 45 Miles

Extended Setup: (120Ah - 150Ah) 50 - 60 Miles

Class 3 - Performance, Off-road, & People Movers

Cart Top Speed 24-35 mph | Modified/upgraded controller | Larger tires with lift kit | Multiple 12V accessories

Standard Setup: (150 Ah - 180Ah) 25 - 40 Miles

Extended Setup: (210Ah - 240Ah) 45 - 55+ Miles

Additional notes - Mileages based on vehicles with 1-2 passenger on average terrain.

- If the vehicle regularly has 3+ passengers onboard or is driven on hilly terrains, choose the Extended Range option which will produce Standard Range.

- Off-Road driving may derate stated miles.

- Additional batteries can be added to the cart after install! Great for users who want additional run-time after initial installation.

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72V Vehicles

Class 1 - Standard Golf Carts

2-4 Passenger vehicles

Cart Top Speed 12-16 mph | Stock (not modified) controller

Standard Setup: (72Ah) 35-40 Miles

Class 2 - Upgraded Golf Carts

2-4 Passenger vehicles

Cart Top Speed 17-23 mph | Modified/upgraded controller | Larger tires with lift kit | Multiple 12V accessories

Standard Setup: (90Ah) 35 - 40 Miles

Class 3 - Performance, Off-road, & People Movers

Cart Top Speed 24-35 mph | Modified/upgraded controller | Larger tires with lift kit | Multiple 12V accessories

Standard Setup: (105Ah -108Ah) 40 - 50+ Miles

Additional notes - Mileages based on vehicles with 1-2 passenger on average terrain.

- If the vehicle regularly has 3+ passengers onboard or is driven on hilly terrains, choose the next Class option which will produce current Class range.
- Off-Road driving may derate stated miles.
- Additional batteries can be added to the cart after install! Great for users who want additional run-time after initial installation.

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