



**Q. How fast does the CitiCar by Sebring-Vanguard go?**

A. The current version, CitiCar/SV-48 cruises at up to 38 miles per hour.

**Q. Can the CitiCar be licensed for on-the-road use?**

A. The CitiCar complies with most Federal Motor Vehicle Standards applicable to that vehicle. Therefore, it should be licensable in all states.

**Q. What is the CitiCar designed for?**

A. The CitiCar is designed for low speed, short distance driving by housewives, commuters, students, retired persons, etc. Because it has been constructed on a truck chassis, the CitiCar is also ideal for such off-road uses as security patrol, in-plant transportation, etc. The CitiCar has been sold as a messenger and delivery vehicle and is useful for city meter maids and utility companies.

**Q. How far will the CitiCar go before recharging?**

A. The range is up to 50 miles, depending on temperature, terrain, and traffic conditions. Thirty-five to forty miles is a typical range in city driving conditions. Fortunately, the CitiCar does not use energy when stopped at a light or coasting to a stop.

**Q. Will the CitiCar fulfill my driving needs?**

A. Chances are it will. The average urban and suburban automobile in the United States is driven only 22.6 miles per day. This makes the CitiCar a very practical second or third car for many families.

**Q. How does the top speed hold up as the CitiCar is driven during the day?**

A. A top speed of 35-38 miles per hour should be attainable during all but the last few miles of the charge.

**Q. How will the CitiCar handle in snow?**

A. Exceptionally well; its low center of gravity plus the rear-mounted motor and transaxle provide excellent traction.

**Q. What effect do the lights and wiper have on the range of the CitiCar?**

A. Owners experience has shown that there is a decrease of approximately 10% in the CitiCar's range during night operation.

**Q. Can the CitiCar be towed?**

A. Only for short distances at low speed. We recommend using a trailer when taking the CitiCar on vacation.

**Q. How will the CitiCar handle on hills?**

A. Very well. Avoid climbing long steep hills as it may cause the CitiCar's motor to overheat. However, a HOT MOTOR lamp on the dash board will alert the driver of this unlikely occurrence.

**Q. Is the CitiCar really pollution free?**

A. Electric vehicles are classified as inherently non-polluting vehicles by the U.S. Environmental Protection Agency. The relatively little pollution that is emitted from the power plant is usually far from populated areas and is easier to control than automobile pollution. Of course, many power plants do not burn fossil fuels, and in these cases the CitiCar is virtually pollution-free.

**Q. Do electric vehicles indirectly burn just as much fuel as conventional cars via the electric power plant?**

A. No, because fuel-burning power plants which generate electricity for the CitiCar can operate more efficiently than small internal combustion engines, the CitiCar's actual fuel usage is only a fraction of that of an average sub-compact.

**Q. If millions of electric vehicles were used around the country, wouldn't this cause black outs and brown outs?**

A. Surprisingly enough, no. Electric vehicles would most likely be recharged at night during off peak periods, when utility companies have sufficient capacity to recharge many millions of electric vehicles. In this way, power plants will operate more efficiently and electricity rates may stabilize.

**Q. Could The CitiCar be powered by solar energy?**

A. Once the people of our country develop the technology to inexpensively convert solar energy into electricity the CitiCar batteries could then be recharged by a solar charging station.

**Q. Can electric vehicles be made to go faster and further?**

A. Yes, but at a much greater cost. We have designed the CitiCar based on a comprehensive survey that urban traffic moves at an average of 28 miles per hour, and that most 'second cars' are driven only 5-40 miles per day.

**Q. Is the CitiCar as safe as the average small car?**

A. The CitiCar is equipped with seat and shoulder belts and most other safety equipment required by law. It is constructed on a rugged aluminum chassis and has a tubular aluminum body support structure surrounding the passenger compartment. Because the CitiCar will not be used on interstate highways, the possibility of a high speed collision is eliminated. We feel that these features and the fact that the CitiCar will be used only in low speed areas make it one of the safest small cars on the road today.

**Q. What about insurance?**

A. Insurance should be no different from any other compact motor vehicle. In fact, because the CitiCar will be used only at low speeds and for short-distance driving around town, we think rates for this vehicle will someday be less than for cars driven at highway speeds and for possible hundreds of miles per day.

**Q. What makes the CitiCar a good investment?**

A. The CitiCar is a good investment because of its low operating costs, low maintenance costs, and anticipated low depreciation.

**Q. Will the CitiCar depreciate as fast or as much as a conventional car does?**

A. We think not. The CitiCar's frame is constructed of corrosion-resistant aluminum. The body is of rust-proof cyclac ABS, with the color impregnated throughout the material. Also there is no internal combustion engine with its associated support systems to require repair or replacement. For these reasons, the CitiCar should retain more of its value over a longer period than a conventional car.

**Q. How much maintenance does the CitiCar require?**

A. Much less than for a conventional car. The CitiCar has no spark plugs, points, mufflers, radiator, valves, rings, carburetor, anti-pollution controls, or transmission. The batteries are the most important part of the CitiCar and should be checked weekly. (Consult your owner's manual for correct procedures.)

**Q. How much battery maintenance does the CitiCar require?**

A. Approximately 15 minutes per week to refill the batteries with distilled water.

**Q. How long will the batteries last?**

A. With proper care in accordance with the owner's manual, the batteries should last from 12,000 to 18,000 miles, under normal use.

**Q. What is the cost to replace a set of batteries?**

A. The current suggested retail price of a set of replacement batteries is about \$320.00.

**Q. How do the CitiCar batteries differ from regular car batteries?**

A. These heavy-duty 6-volt batteries are designed for hundreds of recharging cycles, which electric vehicles require.

**Q. How will I know when my batteries need recharging?**

A. The CitiCar's voltmeter will indicate approximately when a recharge is necessary.

**Q. How do I recharge the batteries?**

A. The CitiCar is equipped with a built-in on-board charger. The batteries may be recharged by simply plugging the charger cord into any standard 110 volt household outlet.

**Q. How long does it take to recharge the batteries?**

A. Usually overnight, depending on the state of battery discharge, in turn, depending on daily mileage.

**Q. How does the cold weather affect the CitiCar?**

A. The efficiency of the batteries decreases proportionately to the temperature drop. If the batteries are kept in a state of charge during non-use, loss of battery efficiency can be minimized.

**Q. How much does an average battery recharge cost?**

A. About 25 cents, depending on local rates. The CitiCar SV-48 will go about three city miles on one KWH of electricity. Consult your local utility company to compute the per mile cost of operating a CitiCar in your area. Also, ask if your utility company sells off-peak electricity at a cheaper rate.

**Q. Why not attach a generator or alternator to the CitiCar in such a way that the batteries can be recharged during operation?**

A. This has not been shown to be an effective way of increasing range because more energy is required to turn the generator than is won back.

**Q. Is there a chance that my CitiCar could run out of charge while on the road?**

A. Not very much, unless you have forgotten to recharge the CitiCar the night before. However, if the CitiCar does run out of charge before you return home, (perhaps you had to run an unexpected errand at the end of the day), by simply resting for 15 or 20 minutes, the batteries will recharge themselves enough to get you a mile or so further.

**Q. Is air-conditioning available?**

A. No, this would cause too much of a drain on the batteries. However, because the CitiCar has large side windows and because there is no engine heat to leak into the passenger compartment, air conditioning should not be needed.

**Q. Suppose I drive my CitiCar for 20 or 30 miles in the morning; can I charge up the batteries for an hour or so during lunch before going out again in the afternoon?**

A. Yes, indeed.

**Q. I have to drive thirty miles to work every morning. Could the CitiCar meet my commuting needs?**

A. If your employer will find you a place to charge up the CitiCar during the day, you should have enough charge for the return trip in the evening.

**Q. Why should I buy a CitiCar instead of a small similarly-priced sub-compact?**

A. In addition to the fact that the CitiCar is a good investment, an electric vehicle is inherently pollution-free and it can be operated independent of the available supplies of gasoline. Energy independence is one of our country's greatest goals and everyone must do his part to help.

**Q. Who can service my CitiCar?**

A. Any authorized Sebring-Vanguard, Inc. dealer. The CitiCar is designed so simply that many owners will find that they can perform most service tasks themselves. Technical assistance is always available through the Customer Service department of Sebring-Vanguard, Inc.

**Q. Are replacement parts available?**

A. Yes, at any authorized Sebring-Vanguard dealer, or at the Sebring-Vanguard National Service Department, Sebring, Fla. 33870

**Q. What about the motor?**

A. The electric motor is a heavy-duty 3.5 HP series wound G.E. motor, designed to last for many years. Very little maintenance is required.

**Q. Where can I buy a CitiCar?**

A. At any authorized Sebring-Vanguard, Inc. Sales and Service dealership. Contact the National Sales Office of Sebring-Vanguard for the name of the dealer nearest you.

*CitiCar* tomorrow's transportation here today!