



UTILITY CARGO CART, FULLY ENCLOSED

1.0 SCOPE

This specification sets forth the minimum requirements for electric powered carts to be delivered fully assembled and operable. These carts will be used by the California Department of Corrections (CDCR) to transport inmates, staff, materials, and equipment under typical ambient temperatures ranging from 10°F to 120°F.

2.0 APPLICABLE LAWS and INDUSTRY STANDARDS

Specifications, standards and regulations referenced in this document in effect on the opening of the invitation for bid, form a part of this specification.

INDUSTRY STANDARDS

SAE J2358, Low Speed Vehicles

3.0 TECHNICAL REQUIREMENTS

3.1. GENERAL

The cart defined below shall comply to all Federal and State requirements including SAE J2358, as applicable.

The carts shall be new (unused), current product. Carts shall be supplied with all equipment and accessories indicated as standard equipment in the manufacturer's published literature (or website). Equipment considered optional, but necessary to meet the requirements of this specification shall also be included.

All carts shall meet/include the following:

- a. Hour meter readout to indicate cart usage.
- b. Safety or tempered glass wherever glass is incorporated.
- c. Outside turning radius less than 50 feet.
- d. Passenger width shall be 18.5 inches (minimum) for seating measurements.
- e. Traffic areas covered with industrial rubber or non-skid flooring.
- f. Reverse warning device.
- g. Horn.
- h. Lights: turn signals, stop lights, tail lamps, and head lamps.
- i. Brake.
- j. Parking Brake.

3.2. MOTOR TYPE

The cart shall be powered by an electric motor. Electric motor: battery-powered ≥ 20 mile range per charge with dash mounted charge indicator gauge. Include on-board charger that operates using 120 VAC, $\pm 10\%$, 60 Hz, single-phase electric power and draw no more than 20-amps per dedicated circuit.

3.3. FULLY ENCLOSED CART shall meet/include the following:

- a. The cab shall be fully enclosed including two solid doors (e.g. steel, aluminum, fiberglass) and two passenger windows for fresh air.



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- b. Door locks keyed alike with two (2) spare keys (3 keys total).
 - c. Pay Load Capacity: \geq 1000 lbs.
 - d. Maximum speed < 35 mph.
 - e. 2 passenger windows
 - f. Interior cab dome light.
 - g. Windshield with wiper.
 - h. Side and rear view mirrors.
 - i. Paint color: White
 - j. Two (2) passengers (including driver)
 - k. Hard cab enclosure
 - l. Cargo box specifications
 - Cargo box, enclosed, located at rear.
 - Dimensions Minimum (in inches): 42 x 42 x full vehicle width (L x H x W).
 - Lockable doors (one door each side and one double-door in rear) keyed alike with two (2) spare keys (three (3) keys total).
 - Rear cargo box work light.

Sample photo: photographs are for reference only; photographs do not correspond to bid specification.
Reference Model: Club Car, Columbia or Taylor Dunn or Cushman

