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ELECTRIC MOBILITY / MATERIAL HANDLING

Electric Utility Trolley V3.0

FOLDABLE FLAT-BED UTILITY TROLLEY | MODEL: EVT_14*07

A practical electric material-handling solution

KEY DESIGN POINTS

01 16-inch off-road solid rubber wheels

02 Foot-operated brake

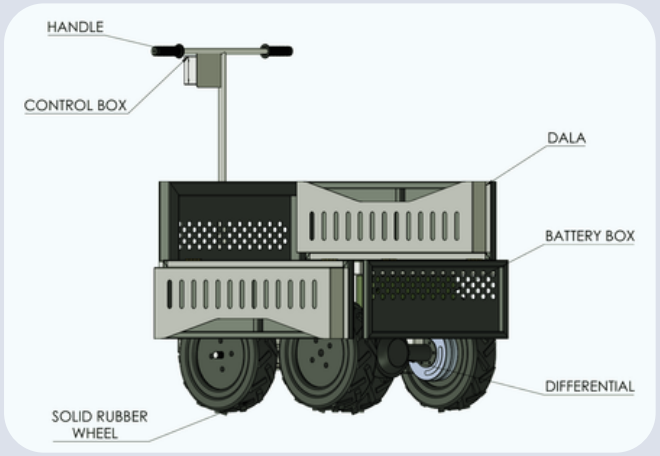
03 Forward / reverse controls

04 Digital power & battery-status meter

05 Outdoor use: rain, dust & sunlight

Product Introduction

- The Electric Utility Trolley is a battery-operated material handling vehicle designed to transport materials, components, tools and other industrial goods within factories, warehouses, workshops and manufacturing facilities.
- It is designed to reduce manual material handling efforts, improve workplace productivity and provide a convenient, reliable and efficient transportation solution for industrial applications.
- Powered by a 48V electric drive system, the trolley offers easy operation, compact mobility and a practical solution for short-distance material transportation.





250 KG	48V / 30Ah	10–15 KM
LOAD CAPACITY	BATTERY	RANGE / CHARGE

Motor & Drive System

- The trolley is equipped with a 1 kW, 48V BLDC motor designed to provide electric power for material transportation.

Battery & Electrical System

- The trolley uses a 48V, 30Ah rechargeable battery system to supply electrical power to the motor and associated electrical components.

Steering & Control System

- The trolley features a handlebar-type steering arrangement designed for convenient operator control.
- The lower steering mechanism is intended to have a simple construction to facilitate easy assembly, maintenance and servicing.

Control functions:

- Left-side handle grip for steering operation. **|** Right-side throttle for acceleration. **|** Forward and reverse selection. Speed selection button. **|** Horn button.

Mechanical & Structural Design

- The trolley is designed for industrial material transportation with a focus on strength, stability and ease of manufacturing.

TECHNICAL SPECIFICATIONS

Electric Utility Trolley V3.0 | Product data and configuration

NO.	PARAMETER	SPECIFICATION
01	Load capacity	250 kg
02	Wheel-to-wheel end width	700 mm
03	End-to-end length	1400 mm
04	Height: ground to handle	1300 mm
05	Stand-on rear platform	Yes; folding type
06	Left/right handling	Yes; foldable arrangement
07	Wheel type	16-inch off-road solid rubber wheel
08	Speed	More than 8–10 km/hr
09	Battery	30 Ah / 48 V; 3-year warranty
10	Trolley type	Flat-bed type trolley with Dala
11	Bed dimensions	1000 (L) × 700 (W) mm ±5 mm
12	Operating surface	Normal, light uneven, muddy & sandy terrain
13	Approx. running per charge	10–15 km per charge
14	Preferred battery	Lithium-ion
15	Braking type	Foot-operated brake
16	Outdoor usage	Yes; rain, dust & sunlight
17	Handle	Breakable / foldable for packing
18	Battery discharged condition	Can run freely if battery is gone
19	Stand platform	Folding type
20	Packing size	Keep as minimum as possible
21	Packing height constraint	1 m × 1 m × 1.5 m (W × H × L)
22	Colour	Black
23	Handle insulation	Rubber insulated by H-class insulation
24	Control system	Forward/reverse controls; ergonomic handle
25	Metering	Power-on status & battery-status digital meter
26	Charger	Yes