



# CT6E

## AC Electric Cargo Tractor



The Charlatte Model CT6E Cargo Tractor is a self propelled battery powered electric support vehicle designed to tow over 30+ Tons. Power for the main drive is supplied by a 50 hp (37 kw) hi-torque AC motor. The unit has excellent visibility and has a maximum speed of 15.5 mph (25 km/h) when empty. Maximum drawbar capacity is over 6,000 lb (2,800 kg). Options include: Complete cab assembly with heater, defroster, mirrors, wiper, and vinyl doors, Various hitch configurations, Back up alarm, and additional lights.

### STANDARD FEATURES

- Designed For Lithium Batteries – Up To 840 AH
- Highly Maneuverable – 141” Turning Radius
- Power Braking System With Brake Booster & Four Rear Brake Calipers For More Stopping Power
- AC Electric Power Steering With Hydraulic Accumulator
- Hi-Torque Low Maintenance AC Drive Motor
- Suspended Footbrake Pedal – Automotive Feel
- Electric PCB For Easier Maintenance

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## TECHNICAL CHARACTERISTICS

<b>Manufacturer</b>	Manufacturer		Charlotte of America
<b>Model</b>	Manufacturer's Designation		<b>CT6E</b>
<b>Energy Source</b>	Battery (Lithium)	Volts	80
<b>Battery Capacity</b>	Ampere Hour Range (Max)	AH	840
<b>Controller</b>	Manufacturer		Curtis
	High Capacity Controller (900 A) W/Cooling System For Increased DBP		
	80 Volt AC MOSFET controller with CAN buss and serial communication		
<b>Motor</b>	Type		AC Hi-Torque
	Rating @ 80 Volts	hp / kw	50 / 37
<b>Dimensions</b>	Length	in / mm	136.2 / 3460
	Width	in / mm	60.2 / 1530
	Height with Cab	in / mm	86.6 / 2200
	Outside Turning Radius	in / mm	141 / 3600
<b>Performance</b>	Speed Empty	mph / km/h	15.5 / 25
	Max. Rated Tractive Effort	lb / kg	6000 / 2800
	Gross Vehicle Weight	lb / kg	9612 / 4360
<b>Chassis</b>	Frame Mfg. W/ Jigs & Fixtures		Yes
	Auto Design Wiring Harness		Yes
	Tires Front		6.00R X 10
	Tires Rear		7.00R X 12
	Wheel Base C/L (E)	in / mm	75.1 / 1910
	Service Brake - Front	Type	Disc
	Service Brake - Rear	Type	Dual Disc
	Suspension	Front	Leaf Springs
		Rear	Leaf Springs

These descriptions are given as an indication only and do not represent a commitment



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