



CHASSIS WEIGHTS AND DIMENSIONS

19,500 - lbs. GVWR / Class 5

WB (in.)	BATTERY PACKS / kWh	BOC	CA (in.)	FRAME HEIGHT	FRONT GAWR	REAR GAWR	CURB WEIGHTS (lbs.)			PAYLOAD (lbs.)
							FRONT	REAR	TOTAL	
132.5	3 / 60	7.7 - in.	110	33.5 - in.	7,275 - lbs.	14,460 - lbs.	4139	2410	6549	12951
150	3 / 60		127.5				4256	2346	6602	12898
176	3 / 60		153.5				4452	2247	6699	12801
132.5	5 / 100		110				4547	3016	7563	11937
150	5 / 100		127.5				4734	2882	7616	11884
176	5 / 100		153.5				5010	2706	7716	11784
176	7 / 140		153.5				5268	3416	8684	10816
176	9 / 180		153.5				5548	4070	9618	9882

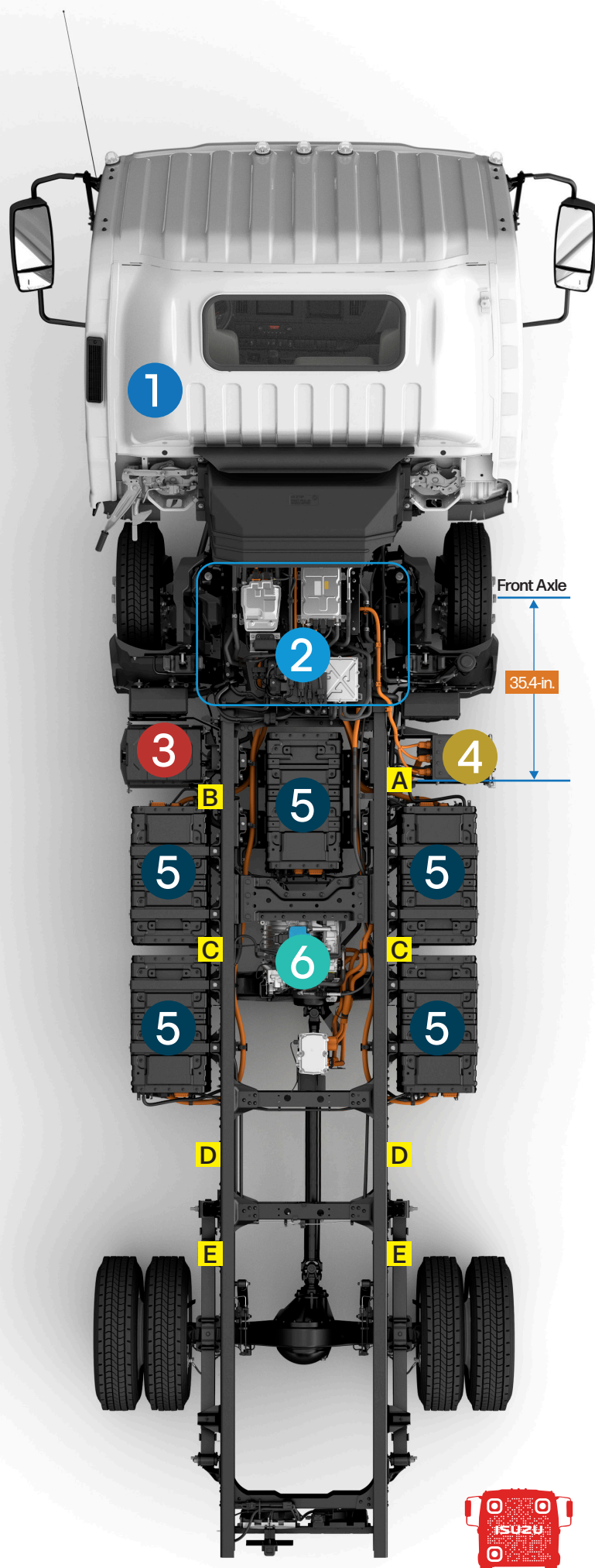
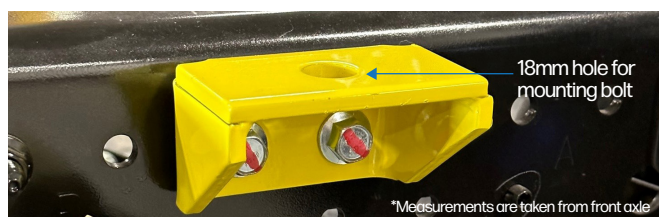
SPECIFICATIONS

Electric Motor	ZF CeTrax Lite 3-phase AC motor: motor sub-assembly includes an integrated DC-AC inverter, single speed reduction gear, and motor control unit
Max Power / Torque Output	150 kW / 280 lb-ft
Operating Voltage	350 volts
High Voltage Battery Packs	Liquid cooled lithium-ion high voltage battery packs: each pack features 20 kWh of battery capacity
Regenerative Braking	Adjustable regenerative braking with multiple strength levels (high, low and off) using the steering wheel stalk switch
AC/DC Charging	AC charging from SAEJ1772 chargers up to 19.2 kW (limited to 7.2 kW on 60 kWh chassis) DC fast charging from CCS1 chargers up to 80 kW
Electrical	Two 12-volt (Group 34) 700 CCA supplied by DC-DC converter
Wheels	19.5 x 6.0 6-hole disc wheels, painted white
Tires	225/70R-19.5 LRR tubeless steel belted radials, all season, front and rear
Brakes	Dual circuit power assisted hydraulic 4-channel anti-lock service brake system with electronic brake distribution for load proportioning of the front and rear disc brakes, and a driveshaft mounted drum type electronically actuated parking brake
Frame	Ladder type channel section straight frame rail 33.5-in. wide through the total length of the frame; yield strength 54,800 psi, section modulus 6.65 cubic in, RBM 364,420 lb-in per rail

- 1 Updated cab design with standard ADAS, driver and outboard passenger airbags, automatic headlights, a 7-in color multi-information display, and clean back of cab for easy body installation.
- 2 DC-DC converter, on-board charger(s), electric HVAC system, coolant tanks, vehicle control unit, electric power steering pump, electric vacuum pump, master battery management system, and junction box with ePTO HV output port.
- 3 Dual 12V 700 CCA batteries
- 4 AC / DC charging ports
- 5 High voltage battery packs with integrated battery management system (BMS), battery disconnect unit, and manual service disconnect plug,
- 6 ZF CeTrax Lite high voltage 3-phase AC electric motor with integrated DC-AC inverter and single speed reduction gear. Features regenerative braking and an integrated parking pawl.
- 7 Factory mounted body mounting blocks for easy body attachment. See table below for location information.

MOUNTING BLOCK LOCATIONS*

WHEELBASE	LOCATION			
	132.5" (60 / 100 kWh)	150" (60 / 100 kWh)	176" (60 / 100 kWh)	176" (140 / 180 kWh)
A	35.4	35.4	35.4	35.4
B	40.2	40.2	40.2	40.2
C	71.7	71.7	71.7	74.8
D	N/A	112.6	139.4	104.7
E	120.7	N/A	N/A	164.4



APPLICATION CHART

WB (in.)	BATTERY PACKS / kWh	BODY LENGTH (ft.)				
		12	14	16	18	20
132.5	3 / 60	x	x			
	5 / 100	x	x			
150	3 / 60			x	x	
	5 / 100			x	x	
176	3 / 60				x	x
	5 / 100				x	x
	7 / 140				x	x
	9 / 180				x	x

Body selection recommendations are based on water level weight distribution. This chart is intended for reference only and does not preclude the necessity for an accurate weight distribution calculation. The weight distribution will change depending on selected battery capacity. Final configurations are the responsibility of body upfitter. © 2023 Isuzu Commercial Truck of America, Inc.

