



Bus, Charging, and Grants Factsheet - Topsham Energy Committee, Dec. 2023

Type C Electric Bus Options

	Thomas	Lion	IC Electric	Blue Bird
Model	Saf-T-Liner C2 J	Lion Electric	IC Electric	Vision
Battery	226kWh	126 or 186kWh	210kWh std or 315kWh	155kW std or 196kWh
Range	138 mi	100 or 125 mi	135 or 200mi	100 or 130mi
Occupancy	65,71,81	Up to 77	71 or 77	77
Charging & Connector	Level III only (CCS)	Level 2 & 3 CCS	Level 2 & 3 CCS	Level 2& 3 CCS plug
Price	\$355-\$362K	\$368k	\$295k	\$380k
Districts	Castine (1); Old Town, Somerville (2); Dayton (4); Wells/Ogt (11)	Camden, Bingham, Vinylhaven (1); Baileyville, Yarmouth (2); MDI, Sipayik (3); Winthrop (4)	Rockland (1); Waterboro (2)	

*Charging time depends on how much charge is needed in (kWh) and how much power (kW) the charging station provides. (Divide the charge needed by the power provided to get the estimated hours of charge time required). Typically a Level III will take 3 hours for a full charge and a Level II will take 8 hours.

Charging Station Options Deployed in Maine

	ABB Wallbox	Blink	Clipper Creek: CS-100	Delta DC Wallbox x	InCharge	Power Charge	Proterra
Level	Level 3	Level 2	Level 2	Level 3	Level 2 & 3	Level 2	Level 3
Capacity	24kW	19.2kW	19.2kW	25kW	19.2kW (L2); 30kW or 60kW (L3)	19.2kW	
Max Current Output, & Elect. Needs	150-920 Vdc	80A, 240Vac, 100A fuse	80A, 240Vac, 100A fuse		80A, 240Vac, 100A fuse; (L2) 80A, 480Vac, 200A fuse	80A, 240Vac, 100A fuse	
Connector	CCS	J1772 or CCS	J1772 or CCS	CCS	J1772 (L2); CCS (L3)	J1772 or CCS	CCS
Price	\$13,700 unit only	\$6.5k installed dual plug	\$2,195 single plug only	—	\$42k/L3 installed (Ogt)		
Paired with	Lion	Lion	Lion	Thomas	IC (Level 2), Thomas (Level 3)	Lion	Thomas