

**EBUS, INC.**

**HYBRID-ELECTRIC TROLLEY  
SPECIFICATION**

**EBUS22HT  
HYBRID-ELECTRIC TROLLEY**

**9250 Washburn Road  
Downey, California 90242**

**Phone: (562) 904-3474**

**Fax: (562) 904-3468**

## SPECIFICATIONS

|                                      |                      |
|--------------------------------------|----------------------|
| <b>Overall length</b>                | 22 feet              |
| <b>Overall height</b>                | 122 inches           |
| <b>Overall width w/o mirrors</b>     | 92 inches            |
| <b>Seating Capacity</b>              | 22 seated passengers |
| <b>Unobstructed Door opening</b>     | 34 inches            |
| <b>Wheelchair capacity</b>           | 1 tie down           |
| <b>Interior width</b>                | 89 inches            |
| <b>Interior headroom</b>             | 77 inches            |
| <b>Minimum floor height</b>          | 12 inches *          |
| <b>Kneeling differential</b>         | 4 inches             |
| <b>Wheelbase</b>                     | 147.375 inches       |
| <b>Turning Radius – curb to curb</b> | 28 feet              |
| <b>Ground clearance</b>              | 8 inches             |
| <b>Overhang front</b>                | 67 inches            |
| <b>Approach angle</b>                | 13 degrees           |
| <b>Overhang rear</b>                 | 45 inches            |
| <b>Departure angle</b>               | 18 degrees           |
| <b>Nominal curb weight</b>           | 15,300 pounds        |
| <b>GVWR</b>                          | 20,500 pounds        |

## SPECIFICATIONS

|                        |  |
|------------------------|--|
| Wheelchair positions:  | 1  |
| Destination sign:      | Luminator Electronic MAX3000   |
| Fuel Storage:          | Approximately 60 gallons, depending on Fuel type (diesel or propane) |
| Battery System:        | Single string of 50 100AH SAFT Nickel-Cadmium Liquid-cooled Modules  |
| Battery Charger        | 25KW overnight charger and/or 90KW Fast-Charger                      |
| Hybrid Generator       | Capstone 30KW (nominal)Micro-turbine                                 |
| System Voltage:        | 300 volts  |
| Maximum Forward Speed: | 45 mph   |
| Gradeability:          | Up to 18 Percent   |
| Range:                 | 150 to 250 miles.  |
| Energy efficiency:     | 0.7 -1.4 kWh/Mile (gross DC) *                                       |

\* Range will vary based on Vehicle Duty Cycle, Operator Proficiency, and A/C usage.